DEAN MARTIN, STATE TREASURER

Arizona State Treasurer's Office (ASTO)

financial management system, general ledger and related information technology applications (FMS) Request for Information (RFI)

INSTRUCTIONS TO PROSPECTIVE OFFERORS

We request that Offerors' responses to the Request for Information (RFI) be submitted to by 3:00 p.m. MST, May 7, 2008. E-mail soft-copy and mail one-hard copy of all response files to:

Klint Tegland, Deputy Treasurer – Operations
Office of the Arizona State Treasurer
1700 W. Washington 1st Floor
Phoenix, Arizona 85007
Phone: (602) 604-7800
E-Mail: KlintT@aztreasury.gov

Questions regarding any aspect of this acquisition should be emailed to KlintT@aztreasury.gov . Questions and/or responses may be posted on the Arizona State Treasurer's Office (ASTO) website, http://www.aztreasury.gov/, at the ASTO's discretion. No pre-RFI conference is planned.

We request that all RFI responses be provided in the following two parts:

I. Cover Letter

The cover letter - include the following information:

- Company name
- Company point of contact with email address and telephone number
- Date submitted

II. RFI Questionnaire Response

Respond in the provided Question/Answer format for each question in the RFI Questionnaire section. The ASTO recognizes that potential responders may only have information pertaining to a portion of a FMS's goals but that this limited, "best of breed," information could still be of high quality and significant value to the ultimate common solution for the FMS. Therefore, while the ASTO seeks to define a common solution that addresses the entire FMS, it does not discourage partial responses. If you choose not to respond to a question, indicate "no response" and identify the rationale.

We suggest you limit your response to be no more than 100 total single-sided pages with print no smaller than 12 point. We request that you provide sufficient detail and clarity to assist our assessing your solution approach. All additional marketing material and reference material may be placed in appendices. Please respond electronically in Microsoft Word 2003 (or excel) or later. Marketing materials may be provided in PDF format.

INTRODUCTION

The ASTO seeks information related to internal business consolidation efforts. The objective of this initiative is to establish common solution and target architecture approaches that identify systems, best practices, migration strategies and key interfaces to develop common business process and system solutions. The current system is a "home grown" application developed in Microsoft Visual FoxPro.

This is a RFI issued solely for information and planning purposes. This document does not constitute a Request for Proposal (RFP). The FMS Task Force intends to assess the capabilities and issue a RFP at a later date. Responses to this RFI will not affect a potential offeror's ability to respond to any RFP that might follow. Acquisition is currently planned to begin in FY 2009. The ASTO seeks to implement such a system to facilitate its banking and financial management functions. The system described as FMS will provide such capability.

Please ensure that any sensitive or protected information is marked as such. All information submitted shall become the property of the ASTO and is subject to the public disclosure laws of the state of Arizona. All submitted information not marked as sensitive or proprietary will be available for public review upon request.

MANAGEMENT SUMMARY

The State Treasurer serves as the Chief Financial Officer for the State of Arizona, overseeing nearly $12.7 billion in assets under management. The Treasurer is responsible for the prudent custody and management of Arizona tax dollars.

The State Treasurer is the trustee and manages nearly $2.6 billion of investments for the Arizona State Land Endowment Trust. There are 13 different investment pools for the endowment; the largest is the Public Common School Fund benefiting education. Millions of dollars each year are distributed directly to classrooms around Arizona as a result of our investments.

Overview

The State Treasurer also provides investment services to local governments (counties, cities, towns, etc). Local governments may use the State Treasurer as an investment manager. By pooling their deposits with the State Treasurer, we can earn higher returns for both the State and local governments. We also provide same-day liquidity, and save local governments the cost of operating a duplicate trading room and investment accounting operation. Currently, we manage nearly $5.4 billion for local governments in Arizona.

The Treasurer's office has three separate accounting divisions to track deposits, investments, transfers, and distributions. The Treasurer's office also has audit authority over all state finances. Every dollar deposited earns investment income; revenue from non-interest earning eligible accounts is deposited in the General Fund.

The Treasurer is the bank for state government. We reconcile approximately $300 million dollars of transactions each day (credits and debits). Our office pays all warrants for the State of Arizona, as well as wire transfers. We manage the state's cash flow and daily forecast future cash needs. We also contract with armored car service to pick up deposits directly from state agencies and branch offices across Arizona so that tax money is deposited, invested, and earning interest the same day.

The ASTO is looking to improve its operating efficiency by continuing to streamline policies and procedures, upgrading its technology and communication systems, and assuring adequate levels and allocation of human resources to be able to meet growing demands for its services.

STRATEGIC ISSUES

Strategic Issue 1 – Efficient Delivery of Services

Current ASTO procedures for financial management services and related information technology (IT) applications (FMS) generally are labor-intensive and aging. To the extent possible under statute, and with respect for the legal requirements to ensure due process, the ASTO will identify and implement ways to streamline and simplify these operational processes to serve the ASTO sister government entities and the public in a timelier manner.

Strategic Issue 2 – Technology Resources

Based on the ASTO's recently completed business technology assessment, the ASTO will develop an implementation plan to replace its existing information technology (IT) systems, additionally providing opportunities for re-engineering appropriate business processes throughout all areas of the ASTO. Implementation and integration of these systems will provide faster, more efficient customer service to government entities, and the public, as well as enhance staff efficiency by reducing duplication of effort and shortening time spent on various data-gathering, operational and verification tasks.

Strategic Issue 3 – Business Continuity Plan

In the event of emergency or disaster conditions resulting from natural, technological, or human-caused conditions, it is likely that the recovery period will involve a significant response effort. It is therefore critical that the ASTO review, update, and continue to maintain its Business Continuity Plan (BCP) to ensure that it will facilitate that effort, including having the appropriate technology to ensure that ASTO employees will be able to work, communicate with individuals inside and outside the ASTO, and access ASTO data from a variety of alternative remote locations.

PURPOSE

The purpose of this RFI is to provide industry service providers with a vehicle to describe solutions and implementation approaches for achieving the goals of the three strategic issues (as indicated above) through delivery of industry-standard solutions that are compliant with Arizona target architectures. This will enable the ASTO and its partners to incorporate strategies, alternatives, and experiences, representing best practices in developing and implementing transformational common solutions and a target enterprise architecture, into implementation strategies for the FMS. The ultimate goal is to develop and implement common solutions for the ASTO that provides capabilities that achieve the FMS objectives.

The intent for the RFI response is to:

- Identify solutions that address FMS vision and goals.
- Be structured so that its results can be used to develop the FMS common solution and target architecture.

SCOPE

The RFI solicits information regarding the Common Solution and Target Architecture for each of the following business areas:

- **Strategic Issue 1 – Efficient Delivery of Services**,
- **Strategic Issue 2 – Technology Resources**, and
- **Strategic Issue 3 – Business Continuity Plan**.

The FMS Task Force (composed of ASTO and participating ASTO partners) intends to identify a common solution, develop target architecture, and develop an implementation strategy by September 2008. The high-level timeline, illustrated in Figure 1, provides the context of this RFI activity.

Figure 1: FMS Development and Deployment

Month	0	2	4	6	8	10	12	14	16	18	20	22	24	26

Task 1 – RFI and Review
▼------▲
Task 2 – Generate RFP
▼---------------▲
Task 3 – Select FMS Provider
▼------------------------▲
Task 4 - Generate FMS Detailed Functional, System, and Documentation Elements
▼--------------------▲
Task 5 – FMS Deployment cycle
▼--▲
Task 6 – FMS Acceptance cycle
▼--------------▲
Task 7 – Implementation oversight and support
▼---▲

BACKGROUND

The FMS Task Force is focused on a business-driven, common solution and target architecture developed through architectural processes. The definitions of these key characteristics of the FMS approach include:

- ***Common Solution*** **–** End-to-end shared service capabilities needed to achieve the FMS Statement of Objectives through a Target Architecture that includes business process, technology solutions, and data standardization.
- ***Target Architecture*** **–** End state toward which all efforts are directed; it is the architecture which integration efforts will be directed.
- ***Business Driven (vs. Technology Driven)*** **–** Solutions address distinct business improvements that directly impact FMS performance goals.
- ***Developed Through Architectural Processes*** **–** Solutions are developed through a set of common and repeatable processes and tools with a growing future emphasis on service oriented architecture.

Refer to the State of Arizona, GITA Policy P-100 (http://azgita.gov/policies_standards/html/p100_information_technology_policy.htm) for additional background information, references and a glossary with acronyms and terms used in this RFI.

FMS STATEMENT OF OBJECTIVES (SOO)

Strategic Issue #1– Efficient Delivery of Services

To the extent possible under statute, and with respect for the legal requirements to ensure due process, the ASTO will identify and implement ways to streamline and simplify operational processes for financial services relating to custody, management and investment services for Arizona government entities and citizens in a timelier manner.

Goal

Maintain high level and quality of service for financial services relating to custody, management and investment services, for Arizona government entities and citizens, in the face of increased demand.

Performance Measures

1. Decreased start-to-finish times for processing and tracking of operational processes of financial services provided to Arizona government entities and citizens.

2. Increase in efficiency in the investment of Arizona government entity resources by ASTO.

3. Increase in Arizona government entity usage of online services provided by ASTO.

Strategies

1. Expand and complete the re-thinking of major business processes, as they are impacted by the next generation of automation.

2. Assess the ASTO's organization structure with regard to alignment of operational processes of financial services relating to custody, management and investment services for Arizona government entities and citizens – particularly with regard to empowering ASTO personnel by both providing them with more data and enabling them to react quickly and precisely to their customer needs.

3. Survey Arizona government entities and citizens to evaluate the ASTO's performance and provide input for better customer service.

Strategic Issue #2 – Update Technology Resources

Based on the ASTO's recently completed business technology assessment, the ASTO will develop an implementation plan to replace its financial management system.

The financial management system upgrade is necessary to migrate ASTO's data system from its current, internally developed, financial management environment to a state-of-the-art relational model that facilitates the generation of complex reports, the sharing of data with ASTO customers through use of Services Oriented Architecture constructs, and streamlined operational processes. Implementation and integration of these systems will provide faster, more efficient customer service, as well as enhance ASTO staff efficiency by reducing duplication of effort and shortening time spent on various data-gathering, processing and verification tasks.

It is important to note that the technology will not dictate the manner in which the ASTO business is conducted. However, to most effectively fulfill the ASTO's business objectives in light of the technology directions being considered, all business processes are open for re-examination.

Goal

Improve internal operational efficiency; enable timely generation of reports, electronic sharing of data, and exchange of information with other Arizona public-sector entities; support the ASTO's Disaster Recovery Planning for the IT portion of the Business Continuity Plan; and serve the public in a timely and professional manner.

Performance Measures

1. Physical and/or functional replacement of existing financial management system hardware/software.

2. Reduced time spent on repetitive and/or manual tasks in the financial management system processes.

3. Reduction of labor-intensive operations typically required for the existing financial management system to generate reports or share data and provide related services to ASTO customers.

Strategies

1. Adopt a new financial management system enabling IT architectural alignment, integration with newer technologies and applications, and timely professional service delivery of ASTO services to Arizona government entities and citizens.

2. Plan for eventual out-tasking of system maintenance, wherever practicable, to ensure that responsibilities are handled by the most experienced, best qualified people without being subject to the personnel turnover particularly common in the technology industry.

3. Adopt and deploy appropriate Internet-centric outlets providing direct online access to the ASTO's services and information, in order to extend Internet-based online customer services.

The objective of this ASTO technology update project is to address the critical need for the ASTO to advance its ability to efficiently manage its daily activities through the use of automation that will enable ASTO to move toward a comprehensive, integrated paperless system with distributed results reporting, thereby strengthening the foundation of the ASTO's ability to serve its Arizona stakeholders.

The proposed system is a comprehensive; vendor developed and supported financial management system that will meet the needs of the ASTO within the Arizona Enterprise Architecture framework. ASTO will decrease reliance on paper-based procedures to perform core business functions. ASTO will also focus to deployment of multi-channel user-access interfaces, accessing and updating a central database as the primary means for obtaining and conveying critical information to our stakeholders.

Strategic Issue #3 –Business Continuity Plan

In the event of emergency or disaster conditions resulting from natural, technological, or human-caused conditions, it is likely that the recovery period will involve a massive effort to construct and rehabilitate buildings and infrastructure. It is therefore critical that the ASTO review, update, and continue to maintain its Business Continuity Plan (BCP) to ensure that it will facilitate that effort, including having the appropriate technology to ensure that ASTO employees will be able to work and communicate with individuals inside and outside the ASTO, and access ASTO data from a variety of alternate remote locations if necessary.

Goal

In case of emergency or disaster conditions, limit injuries to staff, provide responsive financial resources and guidance to ASTO customers, and restore resources and services necessary to operate the ASTO's critical, essential, and administrative business functions provided to Arizona government entities and the public.

Performance Measures

1. Preparation of Emergency Response and Evacuation Plans and Test Schedule.
2. Testing of the plan.

Strategies

1. Review the ASTO's current BCP for adherence to ADEM (AZ Division of Emergency Management) guidelines and inclusion of required elements – such as an introduction, basic plan, and functional annexes – and revise as necessary.
2. Monitor and document progress in addressing the ASTO's strategic issue of technology resources and the impact on Disaster Recovery Planning (DRP) for Information Technology.
3. Enhance the ASTO's technology for remote access, a critical factor during the recovery phase because it allows staff to work from any location.
4. Establish a process-oriented approach to business continuity that includes: business impact analysis; risk assessment; risk management; and risk monitoring.

Existing Financial Management System Structure and Implementation

The existing ASTO financial management system structure is provided, in block-diagram form, in Appendix A.

MAJOR OUTCOMES

FMS DESIRES TO PROVIDE THESE DELIVERABLES:

- **Arizona Government Entities and Citizens**
  - Self-serve user enablement to both obtain information from and provide information to ASTO
  - More complete and timely financial status information
  - Faster receipt and tracking of funds
  - More timely and accurate records and results reporting
  - Improved efficiencies of processes.

- **ASTO staff**
  - General improvement in availability of decision-making data
  - Substantially reduced data entry activities – and in particular the elimination of multiple inputs

- More flexible, efficient, and intuitive process for report generation
- More features and functionality to minimize manual processes
- Consistency of ASTO inputting and reporting requirements
- Improved ability to share data through advanced technologies
- Survivable data system that is highly available even during severe events or conditions.

The following metrics will be used to determine FMS success:

- Increased accountability to ASTO customers
- Increased ASTO efficiency and effectiveness
- Increased stakeholder responsiveness
- Regulatory requirements are satisfied.

RFI QUESTIONNAIRE

1.1. SOLUTION AND APPROACH

1. To which ASTO Strategic Issues does this response apply? *(check all that apply)*

Strategic Issue 1 – Efficient Delivery of Services	**Strategic Issue 2 – Technology Resources**	**Strategic Issue 3 – Business Continuity Plan**

2. Which operating model(s) best describe your recommended approach?

X	**Operating Model**
	Individual government entity operates solution(s) in government environment
	Multiple government entities operate solution(s) in government environment (cross-entity service providers)
	Government entity out sources services independently (individual buying)
	Government entities outsource services independently (bulk buying)
	Government entities outsource services as groups (consolidated solution)
	Other *(specify)*

- Why will the selected model(s) yield better value for the ASTO than the other models? Provide pricing or benchmark cost information if possible.
- How does the solution allow the ASTO to benefit from competition in the marketplace?
- What types of economies of scale will be provided by the solution? At what point (size of operations) will the economies of scale begin? Is there a point beyond which there are no further economies of scale (i.e., no further gains or risks outweigh gains)?
- Is a particular operating model or combination of operating models required to achieve economies of scale?

3. Describe (and graphically depict as needed) the common solution, target architecture and implementation approach (herein referred to as your recommended "solution" or "approach") using the EA Reference model taxonomy illustrated below. Include performance, business, service, data and technical layers. (See Arizona State Enterprise Architecture as described in Arizona Statewide Policy P700 and Software Architecture Policy P730 (http://azgita.gov/policies) and shall specifically adhere to the requirements of the Arizona Enterprise Architecture Target Technology Table (http://azgita.gov/enterprise_architecture/AZ_EA_Target_Technology_Table.htm).).

   a) How does your recommended solution map to the GITA Enterprise Architecture (EA) Reference Models?
      - Describe the measurement areas and their associated categories that are addressed by your recommended solution. Please provide a rationale.
      - Describe the sub-functions that are addressed by your recommended solution. Please provide a rationale.
      - Describe the components that your recommended solution will use to address the sub-functions. Please provide a rationale.
      - Please describe EA standards that are specific to your recommended solution. Please provide a rationale.
      - Describe approach for implementation of the FMS architecture within the context of the EA Reference Models.
      - How does your recommended solution propose to provide breakthrough performance with regard to the EA?
      - Describe a conceptual view of the business objects that are created, used, read, or eliminated as part of the solution. Please provide a rationale.
      - Organize the response to these questions at the owner and planner view utilizing the set of perspectives as described below:
        - Planners view: Business Objects and their interactions.
        - Owners view: Graphically depict the inter-relationships between the elements described in the Planners view (i.e. which business objects are enabled by which EA components). Graphically depict the role of technology standards in supporting the elements described within the planners view.
      - Please provide any reference architectures relevant to your recommended FMS solution addressed in this response.

   b) Address the following business process/change management-related questions:
      - What major process simplification/reengineering/design projects are recommended?
      - What major organization restructuring/training/change management projects are recommended?
      - With what business process and/or organizations will the proposed solution interface? Identify the business interactions between and within the FMS.
      - Please describe the respondent's approach to interpreting, translating and integrating disparate business rules and processes within the FMS.

- Describe what the FMS will be like at some future date (e.g., in 5-years) and what kind of services would be provided in an information rich, service environment.

c) Address the following systems-related questions (*including Appendix B*):

- What strategy would the solution use to determine and evaluate existing opportunities for reuse / sharing across the FMS (with a particular focus on financial management and human resources)?
- Describe the approach to using Commercial-Off-The-Shelf (COTS), and/or custom-designed products. Explain the rationale for this decision and list any products that are part of the solution. Describe how the solution makes use of "open" standards. Describe how the solution envisions the development of an architecture that makes use of multiple vendor packages and is vendor neutral in nature.
- Do the applications, hardware, software, and infrastructure that are components of your solution and approach currently exist? Are they operational and proven? (*Please detail your solution relative to the question set in **Appendix B** and include in your submittal)*
- Describe the capacity and scalability of the hardware and infrastructure components required to support the solution and approach.
- Describe the approach for interfacing/integrating with other applications. List all other applications that interface with the solution. Would these interfaces require any reengineering as part of the solution and approach?
- Please describe the respondent's approach to interpreting, translating and integrating the various data types found within the FMS.
- What types of data, data standards, and data exchange mechanisms will be used in the solution?
- What is the approach to data conversion and data quality?
- What application, hardware, and innovations do you see in the near future that will address the FMS Statement of Objectives?
- Describe approach to managing technological changes. Describe approach to technology evaluation and integrating new and evolving technologies.

4. What assumptions are made about the solution and approach? Please provide this response in the following format:

Category	Assumptions
Business	▪ Bulleted list
Technology	▪ Bulleted list
Resources (Financial, Skill Mix, Level of Effort, Time, etc.)	▪ Bulleted list
Organizational & Change Management	▪ Bulleted list
Customer/Community Impacts	▪ Bulleted list
Others *(specify)*	▪ Bulleted list

5. Describe risks **inherent to the ASTO's achieving its objectives** and how the solution and approach for delivery addresses those risks. Please classify the likelihood (i.e., chance of occurrence) and impact of risks (H=High, M=Medium, L=Low) and include mitigation strategies in the following format:

Risk	**Likelihood (H, M, L)**	**Impact (H, M, L)**	**Mitigation Strategy**
Business			
Technology			
Strategic			
Cost (Initial & Life-Cycle)			
Project Resources			
Schedule			
Organizational & Change Management			
Data/Information			
Privacy			
Security			
Customer/ Community			
Others *(specify)*			

6. What are the risks **associated with the solution and the approach for mitigating them?** Please classify likelihood and impact of risks (H=High, M=Medium, L=Low) and include mitigation strategies in the following format:

Risk	**Likelihood (H, M, L)**	**Impact (H, M, L)**	**Mitigation Strategy**

7. How does the solution and approach support the ASTO's Statement of Objectives (SOO)? If the solution and approach does NOT fully support the ASTO's stated SOO, explain the differences and the rationale(s) for those differences.

8. How does the solution and approach support the ASTO's general requirements? If the solution and approach does NOT fully support the ASTO general requirements, explain the differences and the rationale(s) for those differences.

9. Describe the success encountered in previous development and implementations of the solution and approach.

10. For examples provided in response to question #8, please provide customer information (where available) in the following format:

Item	

Item	

11. Explain what would have been done differently based upon challenges encountered in previous implementations of the solution and approach.

12. Who are the customers for this solution and how will the solution improve service to the customer, reduce/avoid costs, and/or improve efficiencies? What is the timeframe in which service to the customer will be improved, costs reduced/avoided, and efficiencies improved?

13. Are there short-term versus long-term trade-offs inherent in the solution and approach?

14. How will migration from existing platforms to the solution be achieved, including the migration of business processes and data standards?

15. Identify barriers to migration to the solution and describe the approach to overcoming those barriers.

16. Discuss the approach to encourage usage and promote adoption of the solution.

17. Describe any alternative solutions and/or approaches considered and why they were rejected.

1.2. ACQUISITION STRATEGY

1. What are the impacts to the solution and approach if a performance-based/share-in-savings contracting approach is pursued?

2. Describe success and challenges encountered in previous uses of performance-based/share-in-savings contracts. What are the expectations in terms of incentive/disincentive provisions? For instance, what incentives/disincentives motivate industry?

3. What are the impacts to the solution and approach if a firm-fixed price contracting approach is pursued?

1.3. IMPLEMENTATION DETAILS

1.3.1 Program Management

1. Describe the program management approach to providing the solution.

2. Describe the team structure and skill mix required to execute the proposed approach. Include both governmental and non-governmental resources (indicate any small business participation). Address compliance with security requirements for personnel executing the approach.

1.3.2 Cost & Timeline

1. What are the high-level cost estimates for the solution and approach? Cite previous experience and related benchmarks if possible.

2. Provide a high-level timeline for the solution and approach. Cite previous experience and related benchmarks if possible.

1.4. Performance Metrics

1. What is the approach to performance management?

2. Based on the solution and approach, what performance metrics are recommended? Please provide responses for the following categories:

Category	Category Description	Objective – Performance Metrics
Mission and Business Result Objectives	These objectives are focused on how the ASTO solution will deliver value to the citizens and stakeholders who benefit from the programs supported by the ASTO solution. These objectives include: improved program effectiveness, improved responsiveness and quality of program services, increased program capacity and increased program efficiency.	
Customer Objectives	These objectives are focused on how the FMS solution will satisfy the users.	
Process Objectives	These objectives focus on improving the operations of the processes supported by the ASTO, such as improving the management of regulatory/legislative changes, or improving customer/ASTO client management.	
Financial Objectives	These objectives are focused on the efficiency and cost-effectiveness of the specific functions being addressed by	

Category	Category Description	Objective – Performance Metrics
	the ASTO.	
Other Objectives?		

1.5. SECURITY AND PRIVACY

1. How does the solution and approach meet government security requirements?

2. How does the solution ensure requisite confidentiality, integrity, availability, auditability and privacy?

3. How will the effective use of security controls and authentication tools protect privacy for those systems that promote or permit public access be ensured?

4. Describe the approach for handling personal information consistent with relevant government-wide and ASTO policies.

5. How will data privacy and security issues, to gain access to that data, be addressed?

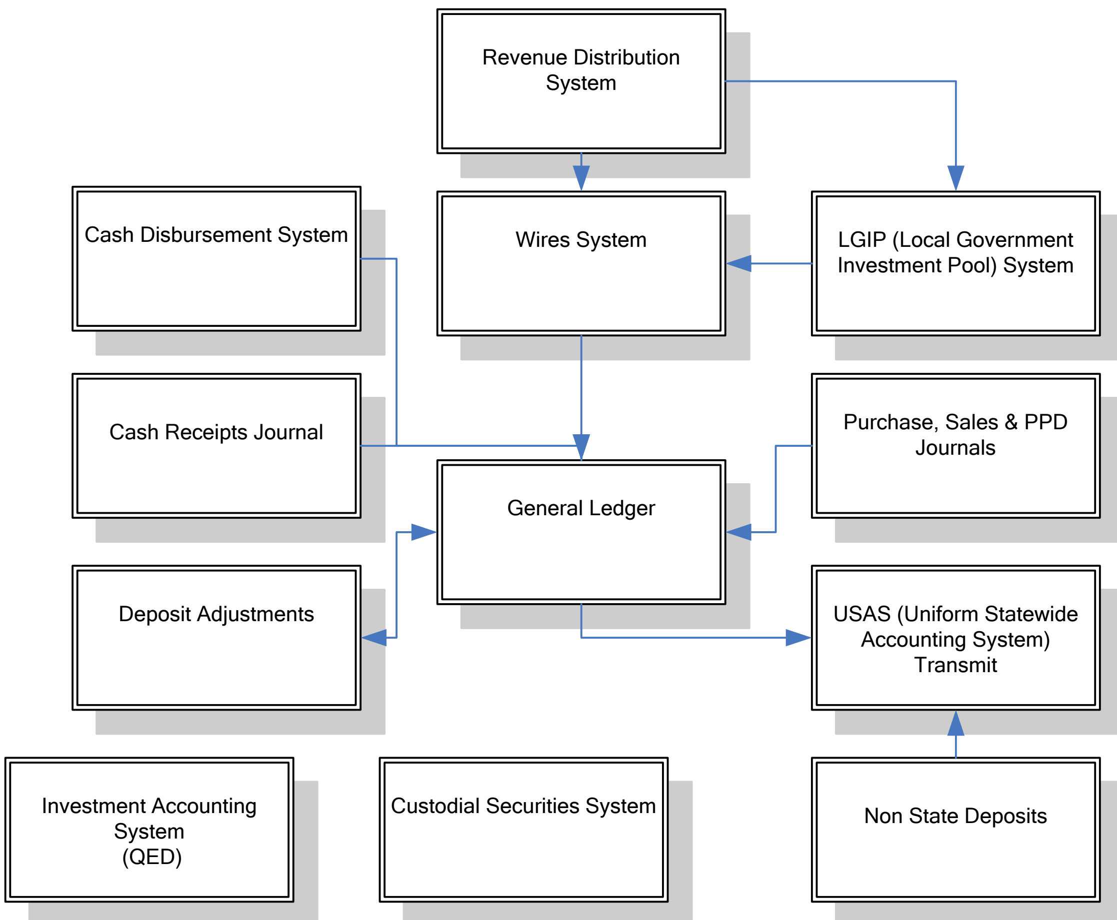
6. Describe the approach for providing communications and database security. What tools and techniques will be used to support this?

Appendices

A. ASTO current financial management automation Maps

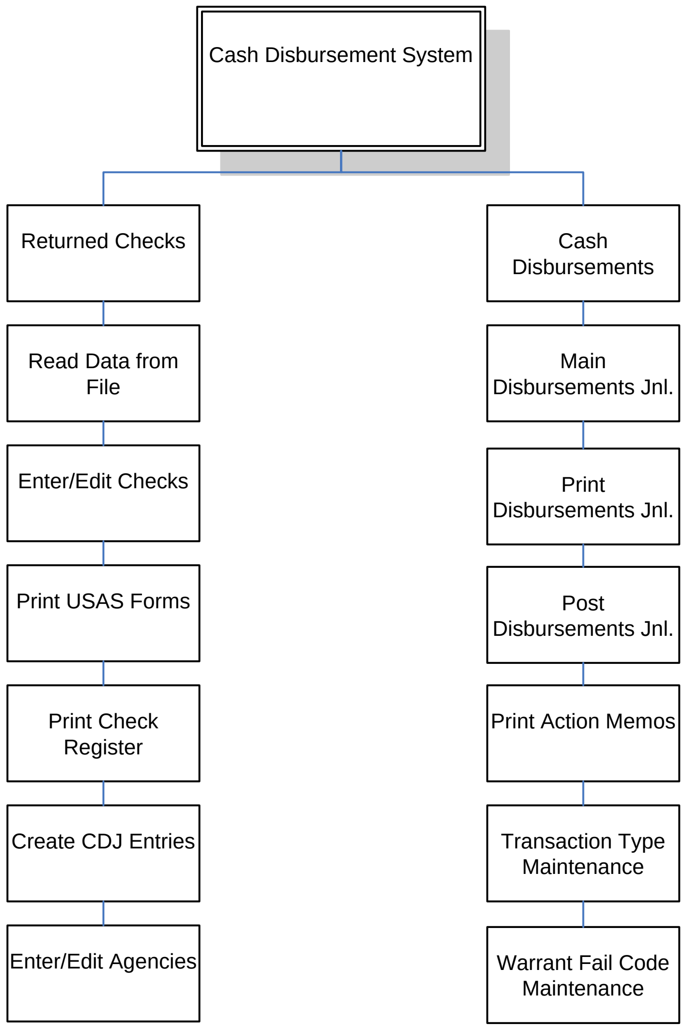
1. Overview Diagram

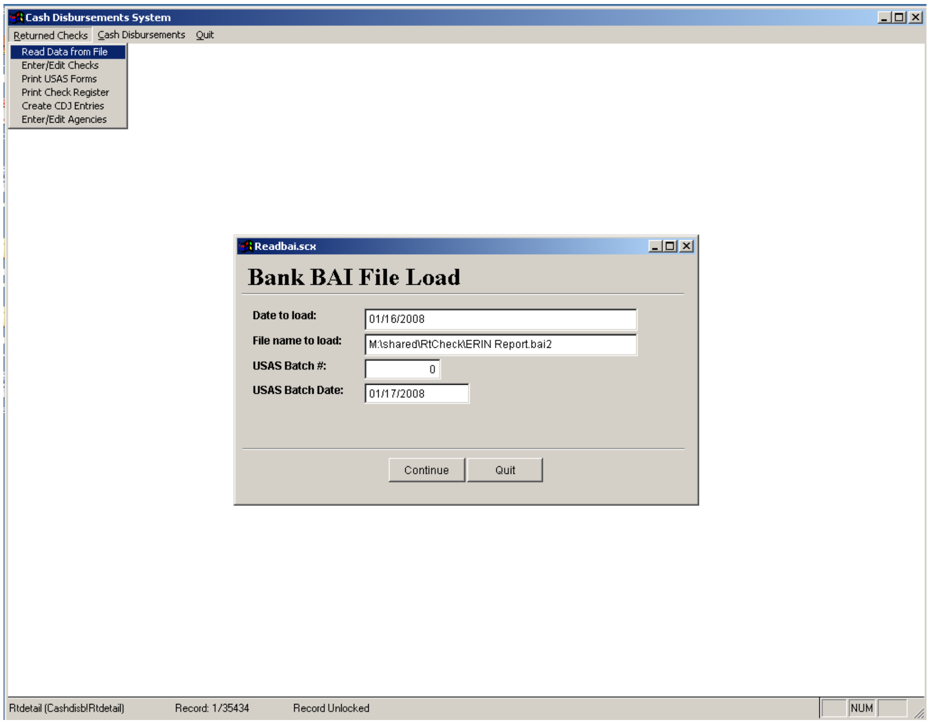
The overview diagram of the current ASTO financial management automation system is shown below.



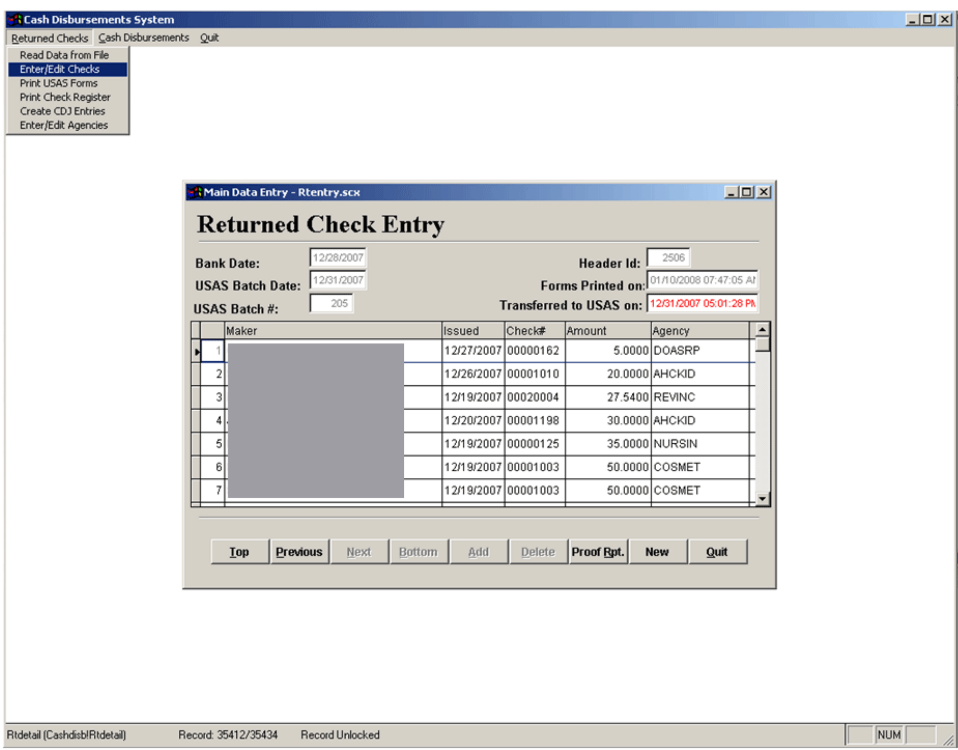
2. Constituent Diagrams

Constituent diagrams of the current ASTO financial management automation system are in the following pages. Descriptions (if applicable) are located below the screen shots and may continue on the page immediately following.

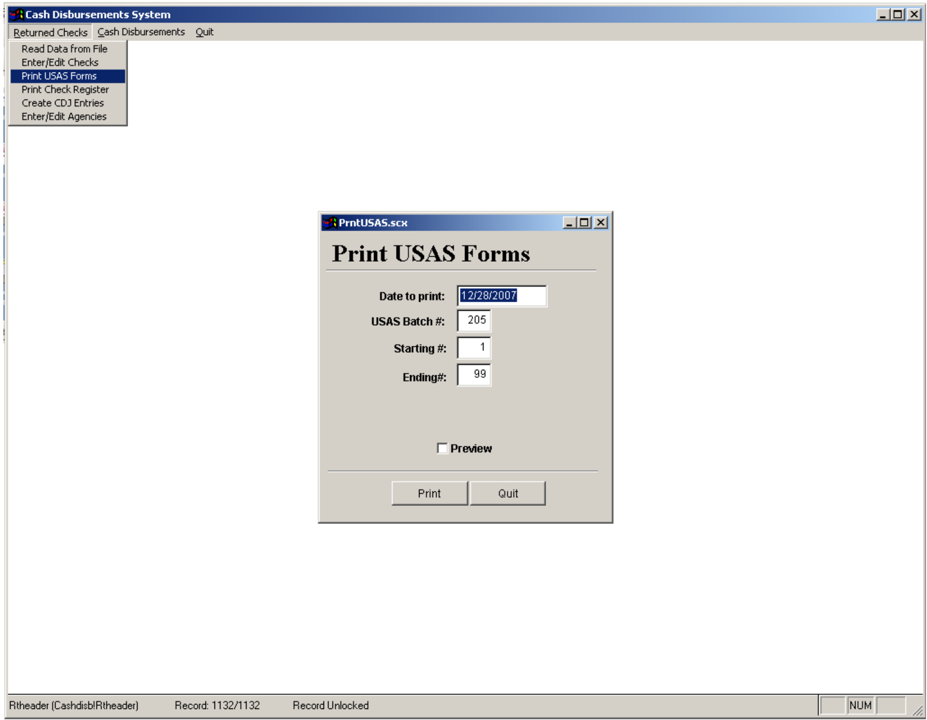




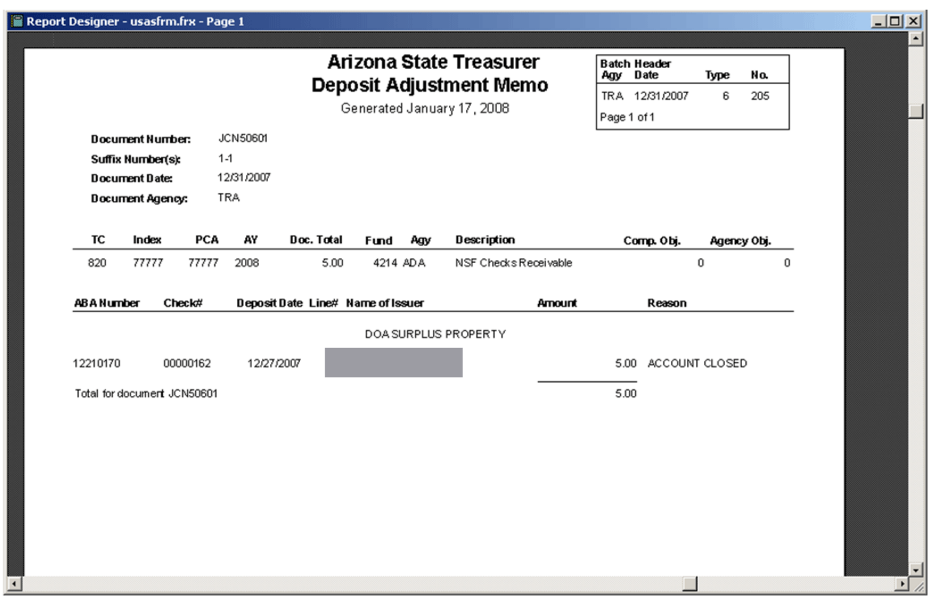
Load returned items from Servicing Bank as well as assign USAS (Uniform Statewide Accounting System) batch number and date to the file.



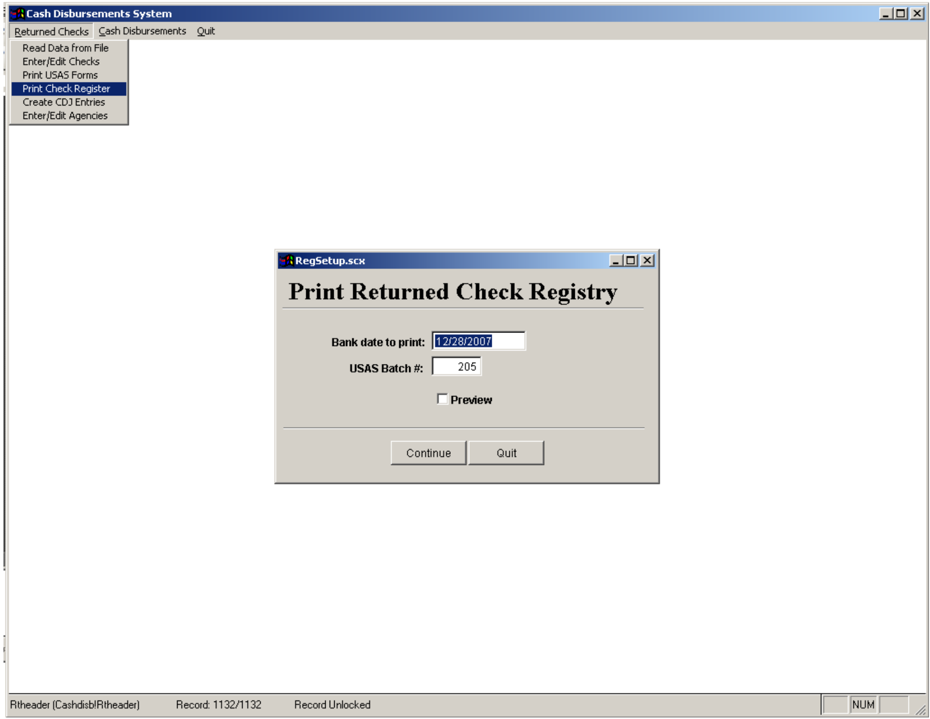
Verify information and assign debt to an agency through a code, (short name) that has an accounting string profile in USAS.



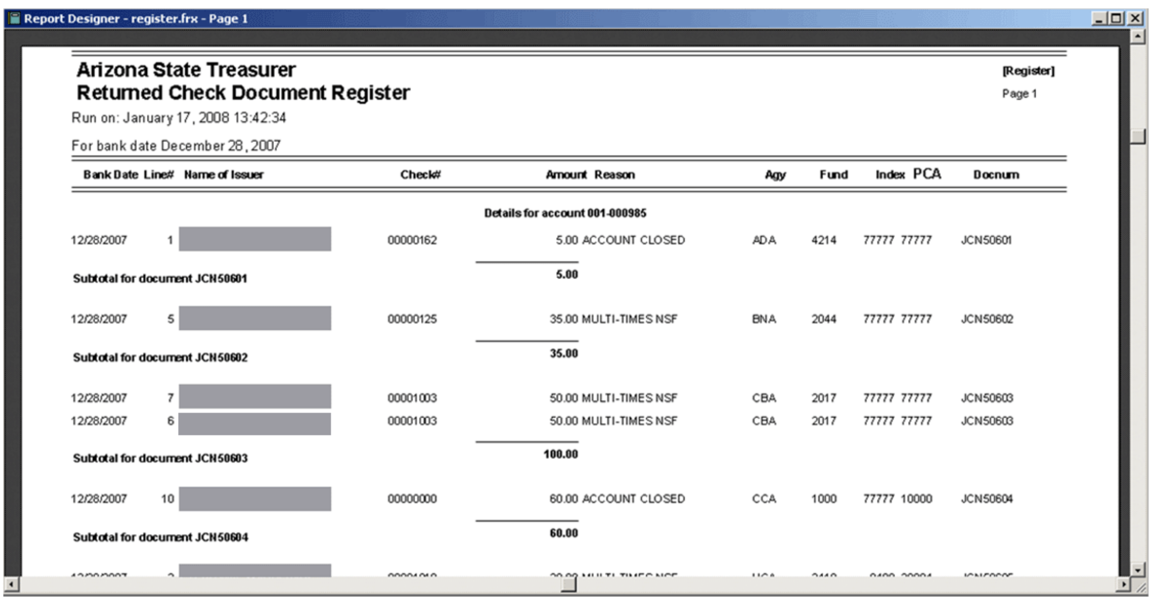
Assign document number to each item. Perform calculation to confirm totals between bank load and created documents. Print USAS documents.



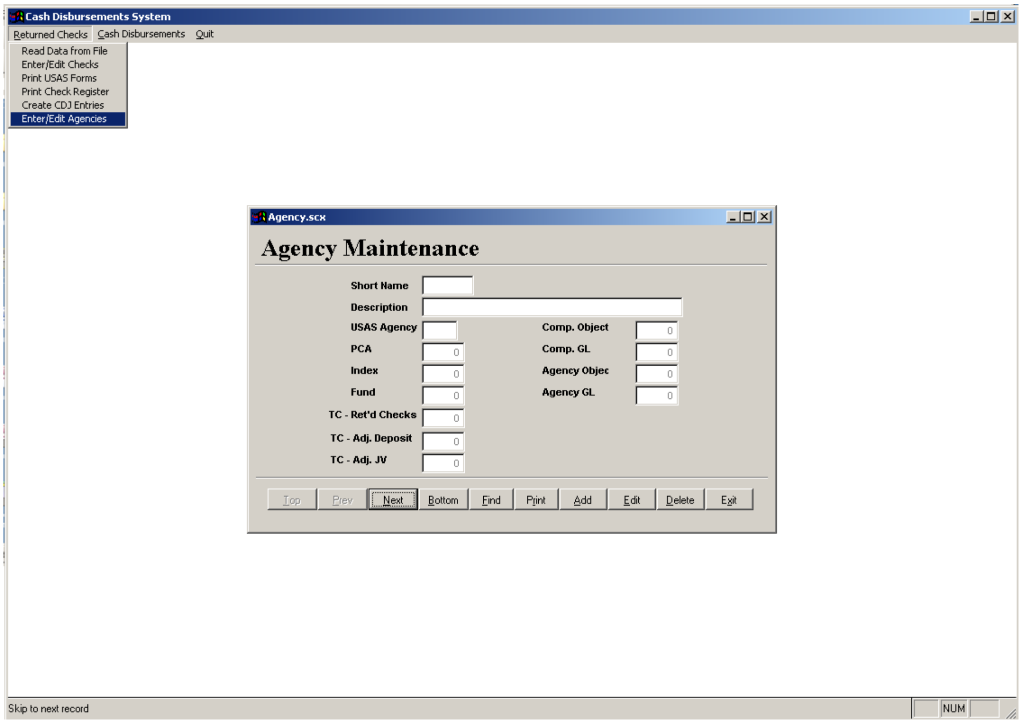
Printed USAS document that returned items are attached to. Verification of USAS accounting string that debt is charging.



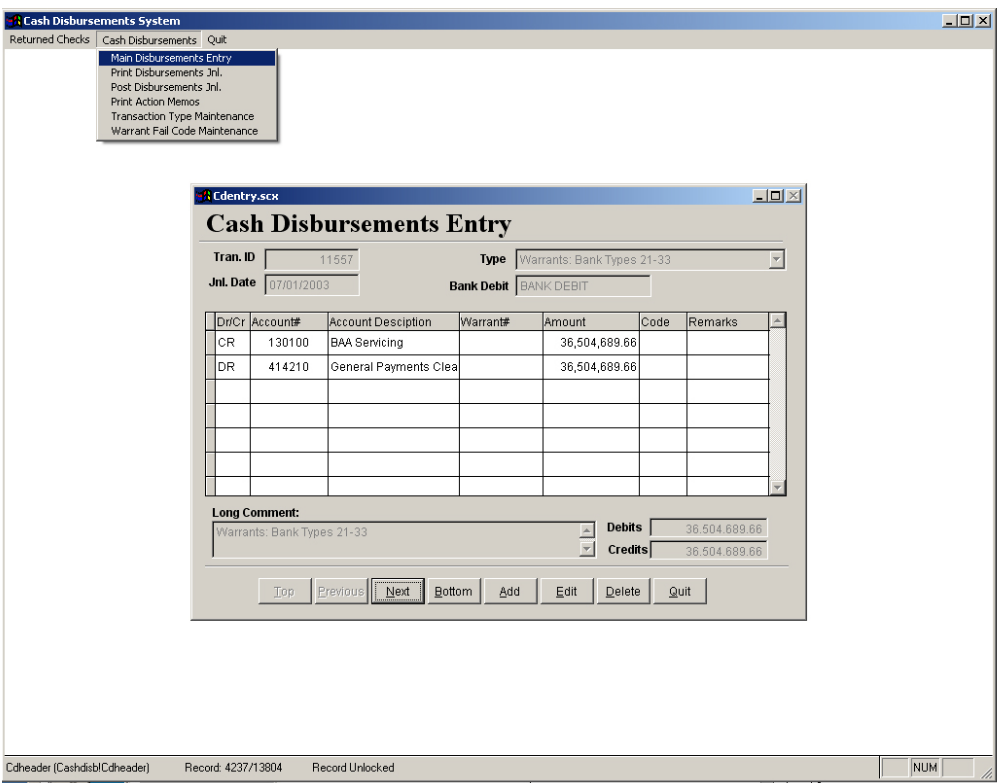
Use as verification, backup and batched information transmitted to USAS.



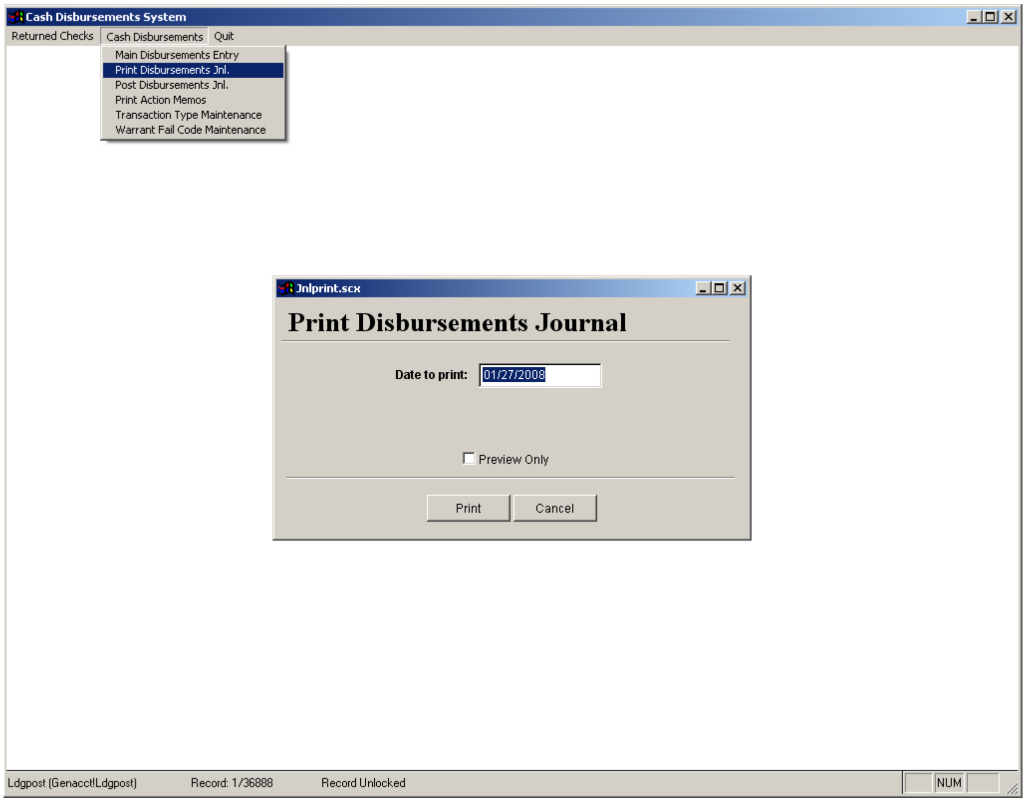
Used as backup batched information, verification of recap totals at the end of the document.

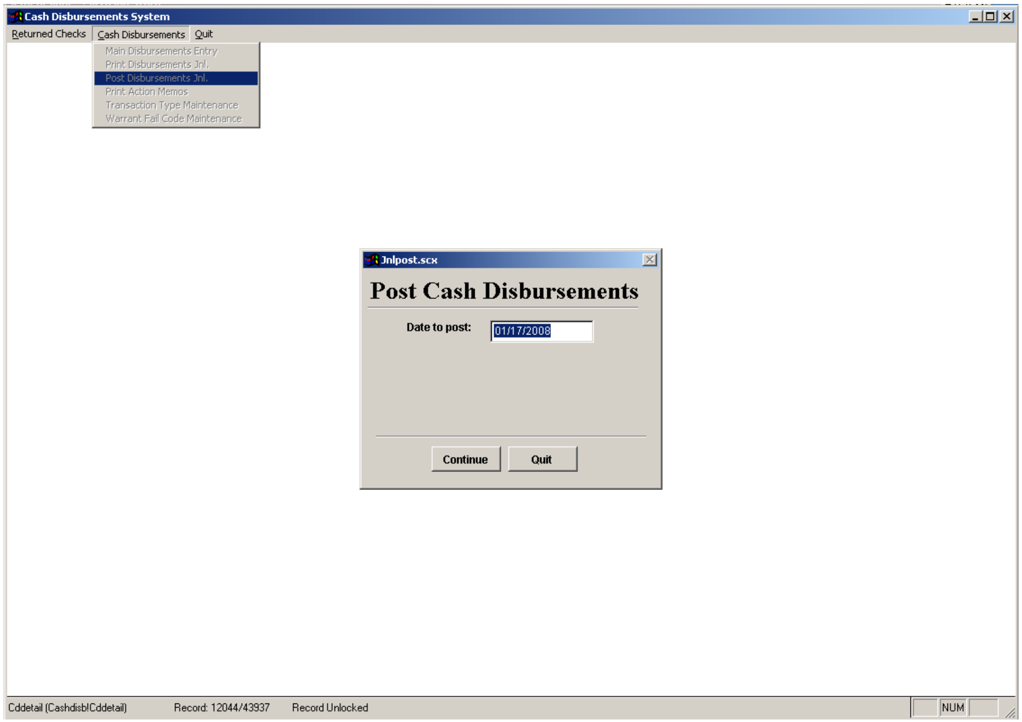


Assign USAS accounting string to a code, "short name".

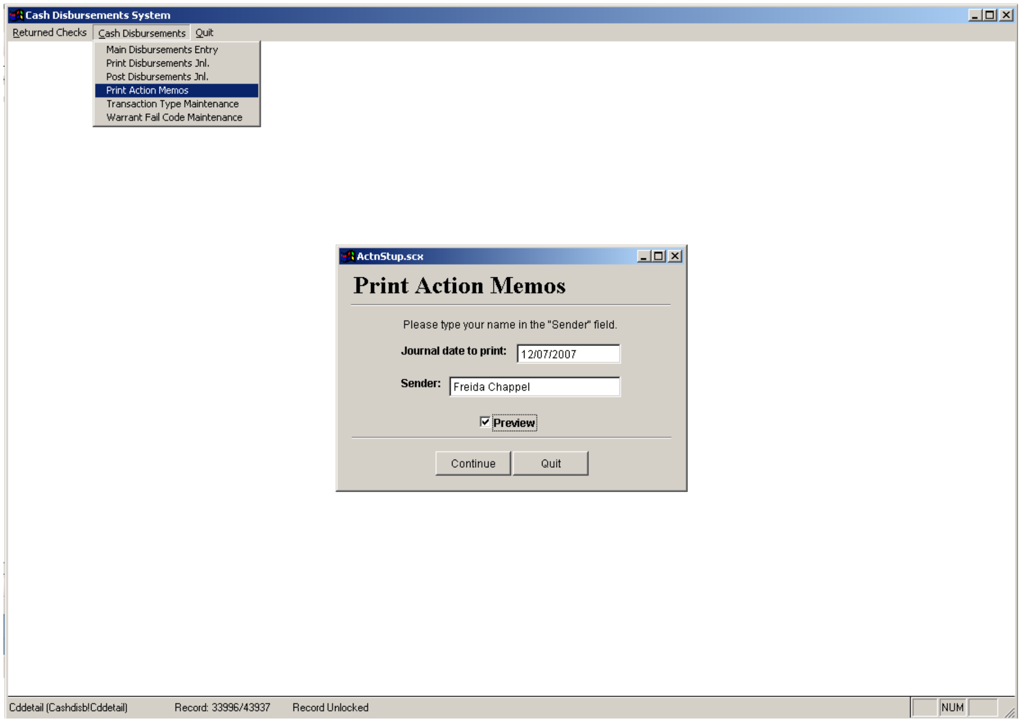


Create a cash disbursement entry for authorized outbound monies.

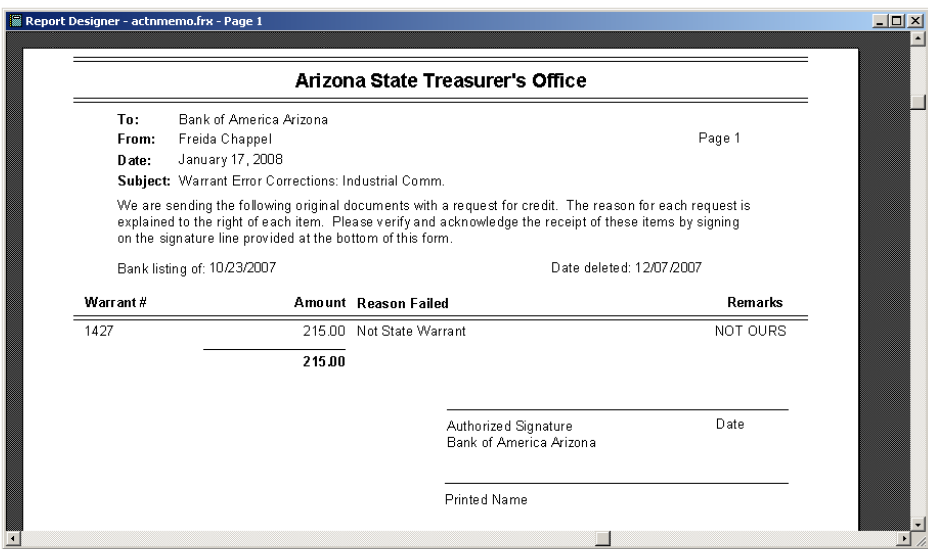




Post cash disbursement entries to the general ledger.



Print document for reimbursement for daily warrant corrections to Servicing Bank. Provides sufficient data in order for Servicing Bank to pull and rerun warrant.



Arizona State Treasurer's Office

To: Bank of America Arizona
From: Freida Chappel — Page 1
Date: January 17, 2008
Subject: Warrant Error Corrections: Industrial Comm.

We are sending the following original documents with a request for credit. The reason for each request is explained to the right of each item. Please verify and acknowledge the receipt of these items by signing on the signature line provided at the bottom of this form.

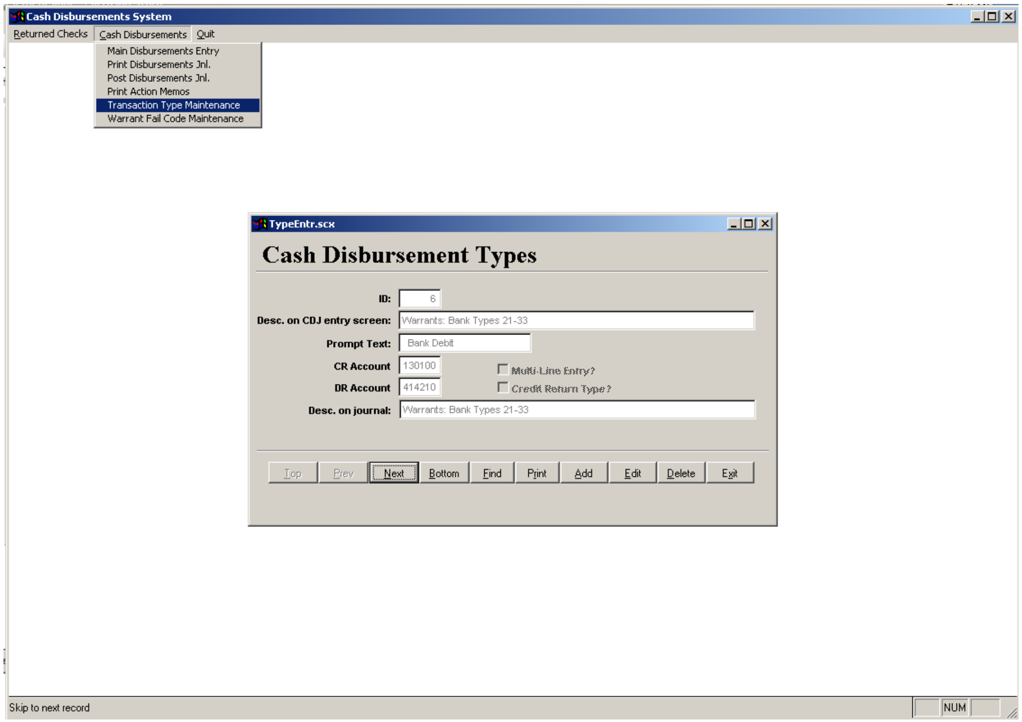
Bank listing of: 10/23/2007 — Date deleted: 12/07/2007

Warrant #	Amount	Reason Failed	Remarks
1427	215.00	Not State Warrant	NOT OURS
	215.00		

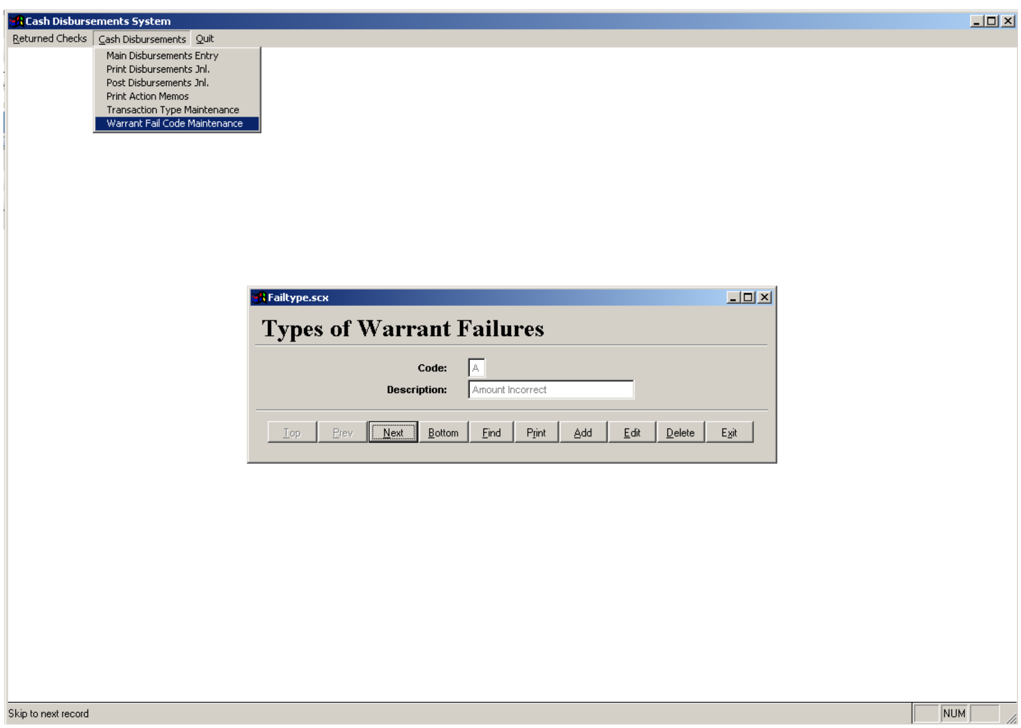
Authorized Signature — Date
Bank of America Arizona

Printed Name

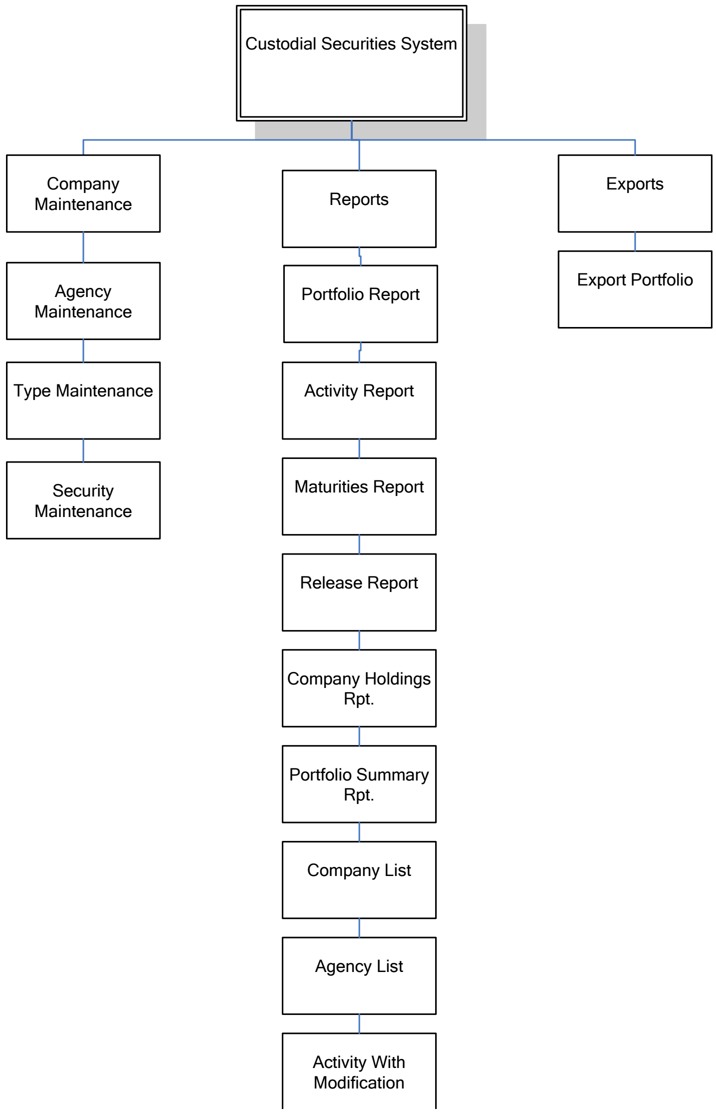
Print document for reimbursement from Servicing Bank

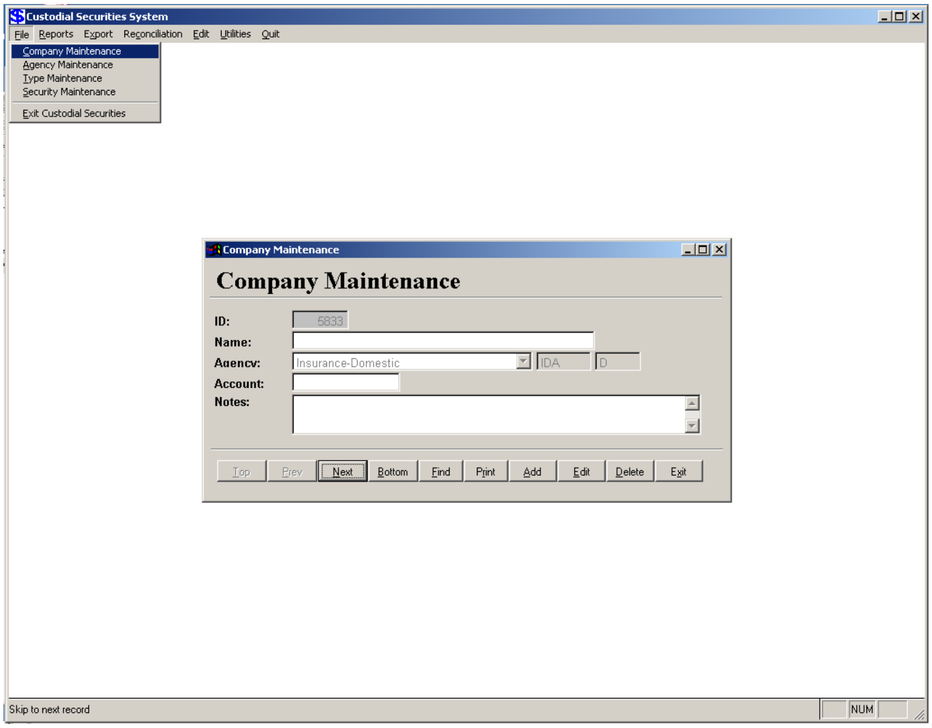


Assign a set string of cash disbursement entries based on description chosen.

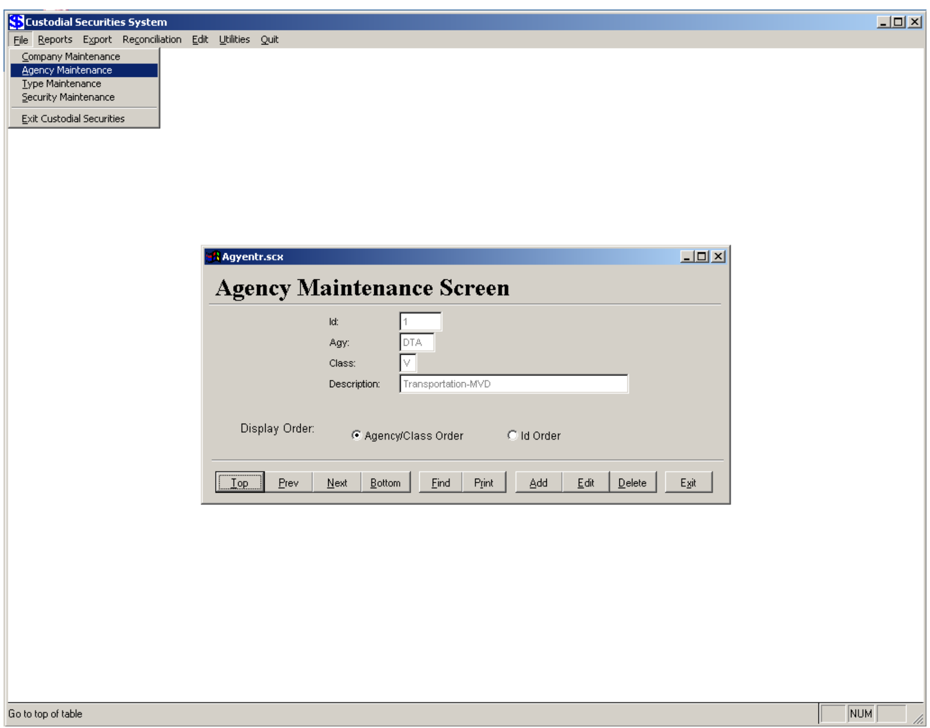


Assign a code to a description that would shorten key entry as well as set a standard description based on action and not user.

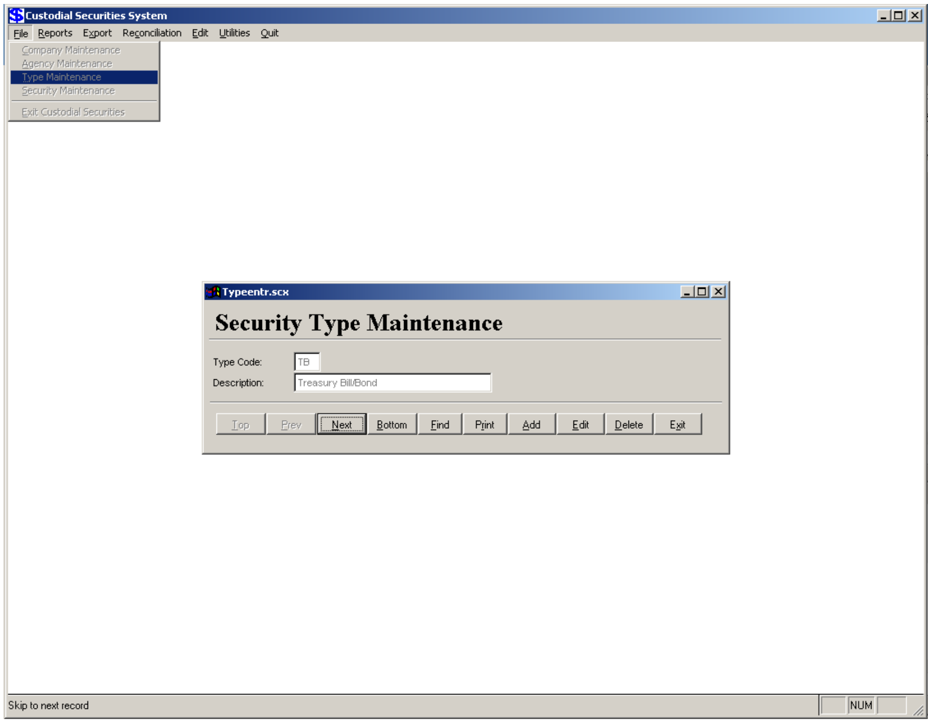

Custodial Securities System
Company Maintenance
Agency Maintenance
Type Maintenance
Security Maintenance
Reports
Portfolio Report
Activity Report
Maturities Report
Release Report
Company Holdings Rpt.
Portfolio Summary Rpt.
Company List
Agency List
Activity With Modification
Exports
Export Portfolio



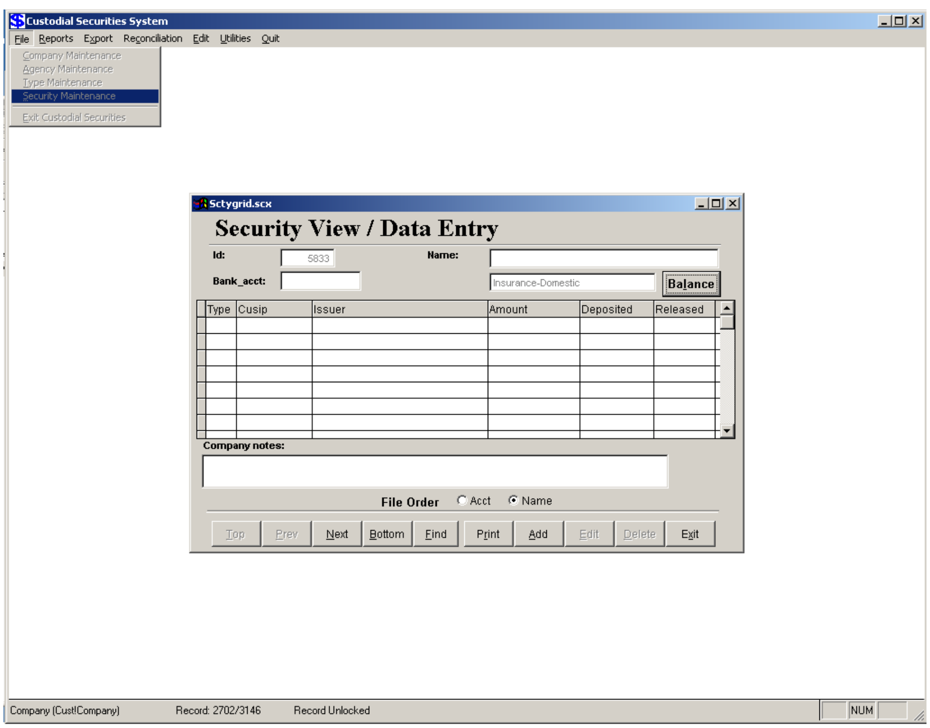
Enter new or edit company name.



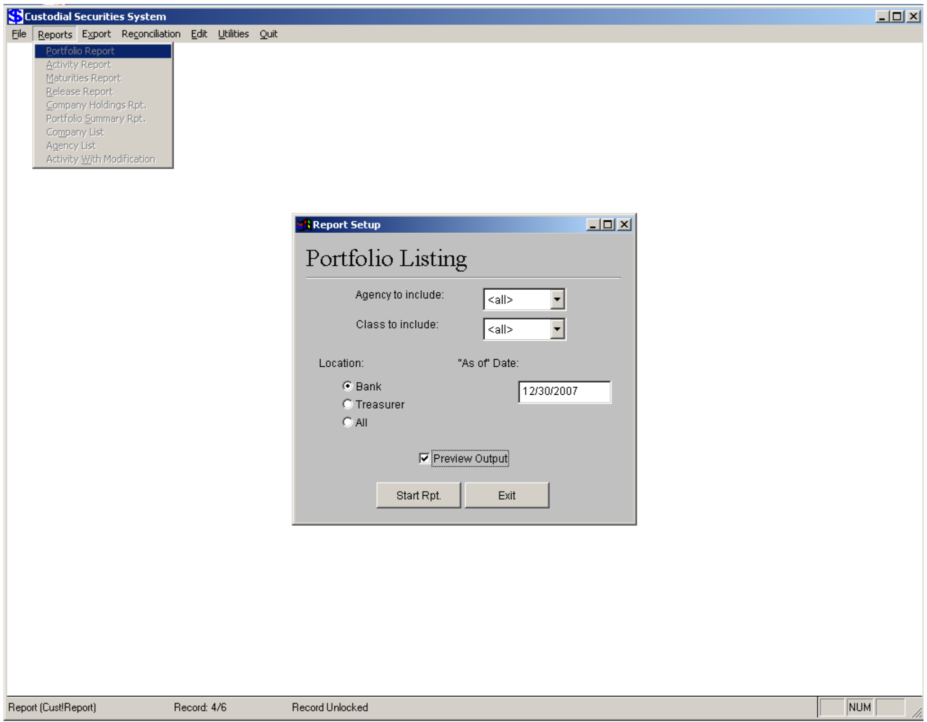
Enter new or edit agency information.

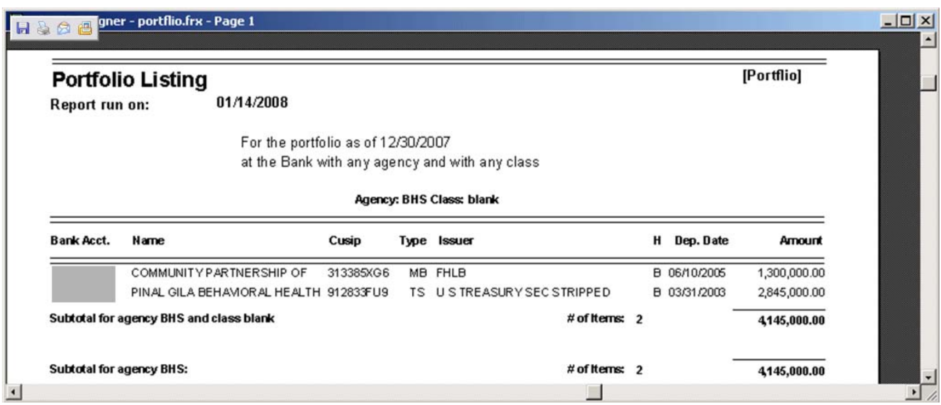


Enter or edit types of securities held.



Enter security held data. Release securities or make changes to securities.




gner - portflio.frx - Page 1

Portfolio Listing [Portflio]

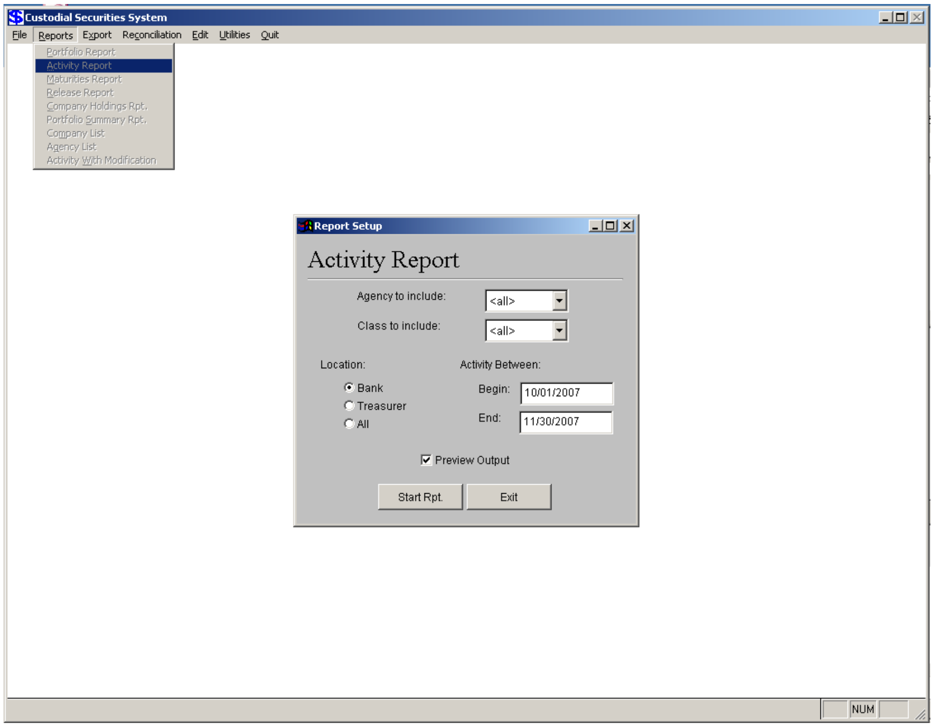
Report run on: 01/14/2008

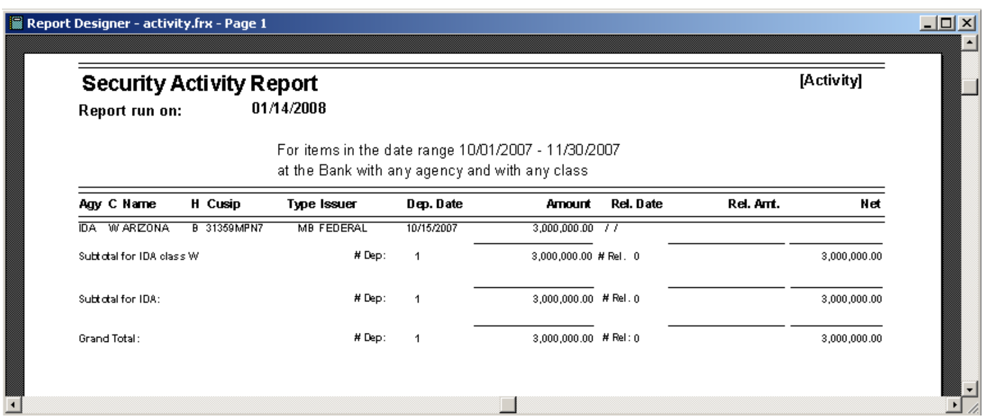
For the portfolio as of 12/30/2007
at the Bank with any agency and with any class

Agency: BHS Class: blank

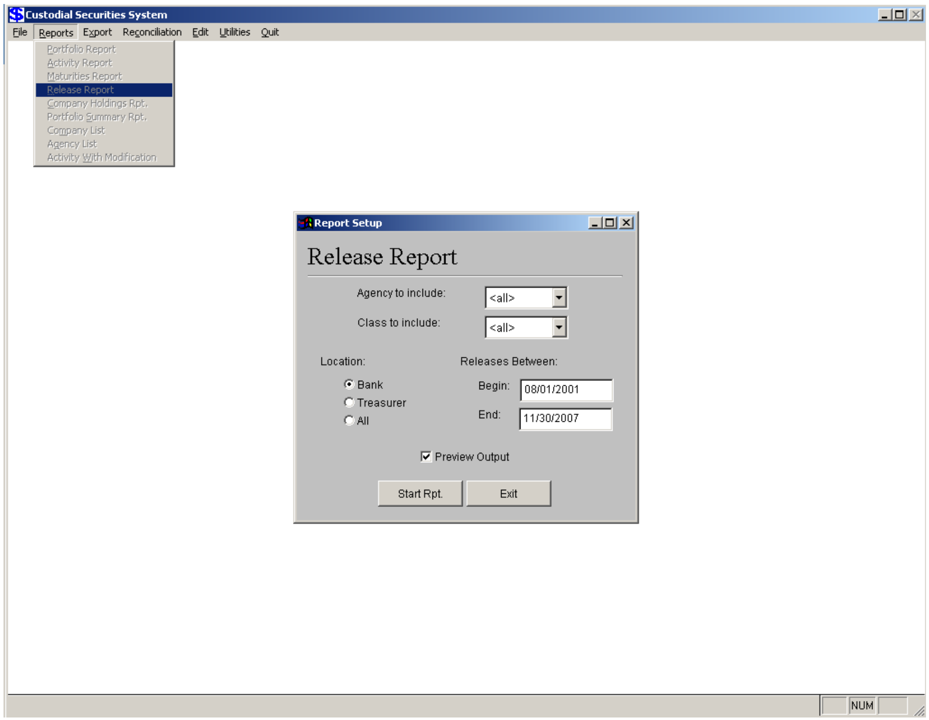
Bank Acct.	Name	Cusip	Type	Issuer	H	Dep. Date	Amount
	COMMUNITY PARTNERSHIP OF	313385XG6	MB	FHLB	B	06/10/2005	1,300,000.00
	PINAL GILA BEHAVIORAL HEALTH	912833FU9	TS	U S TREASURY SEC STRIPPED	B	03/31/2003	2,845,000.00
Subtotal for agency BHS and class blank					**# of Items: 2**		**4,145,000.00**
Subtotal for agency BHS:					**# of Items: 2**		**4,145,000.00**

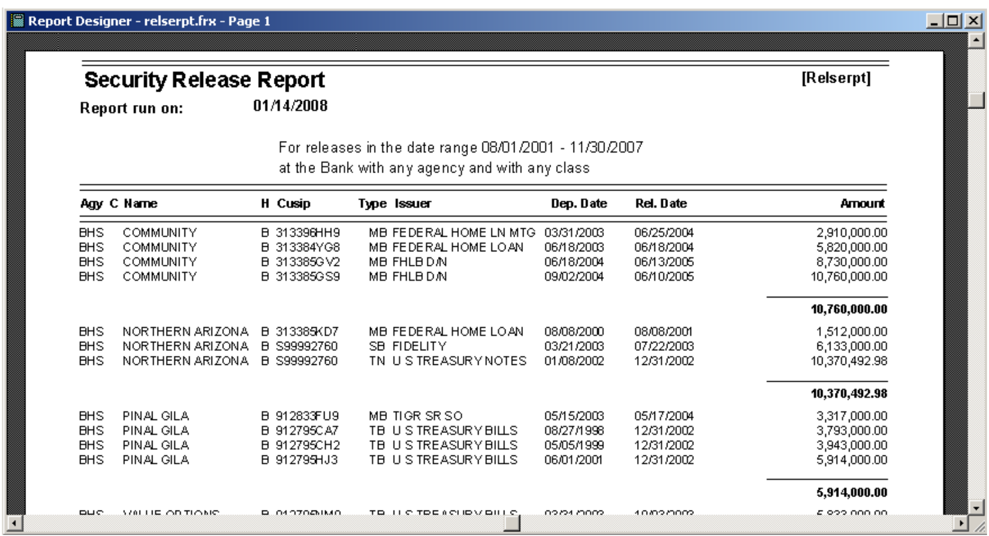
This report is used to reconcile to CD/Letters of Credit held in vault.





This report shows the activity for specified time period for any agency sorted by company.




Report Designer - relserpt.frx - Page 1

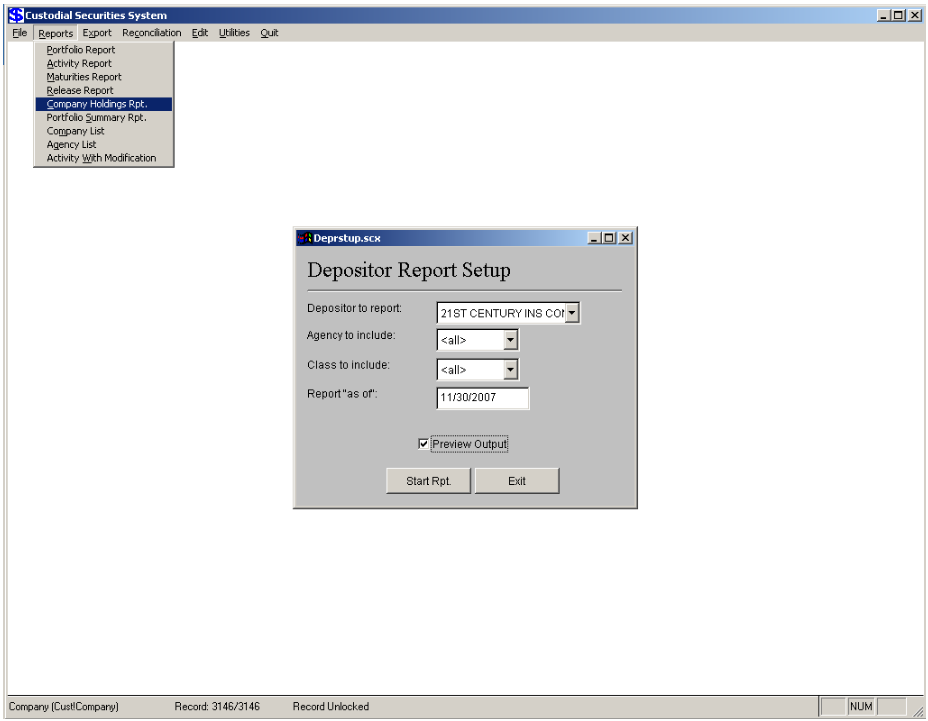
Security Release Report [Relserpt]

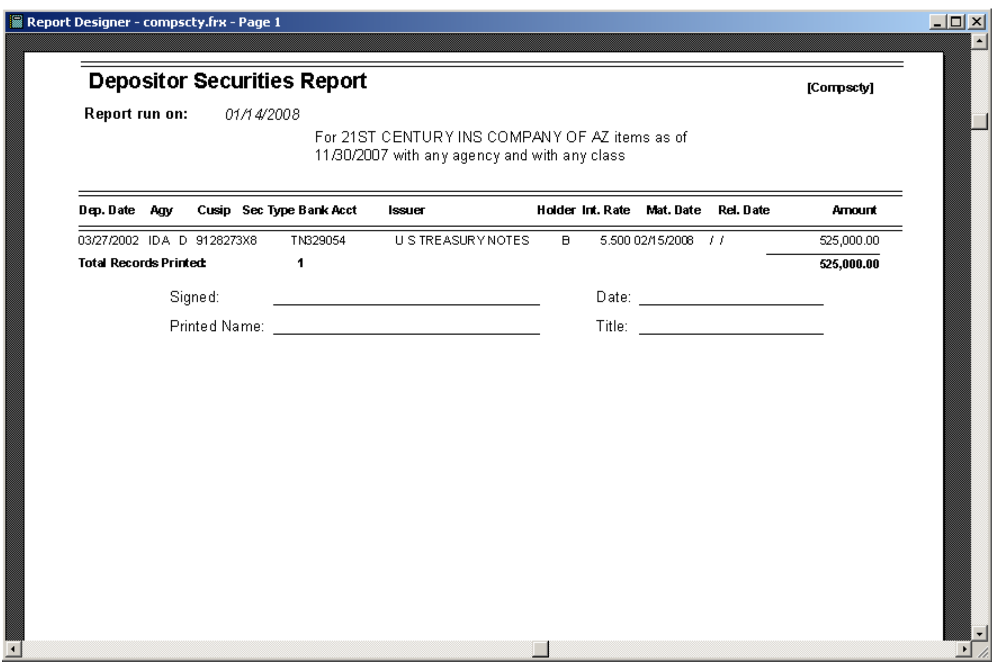
Report run on: 01/14/2008

For releases in the date range 08/01/2001 - 11/30/2007
at the Bank with any agency and with any class

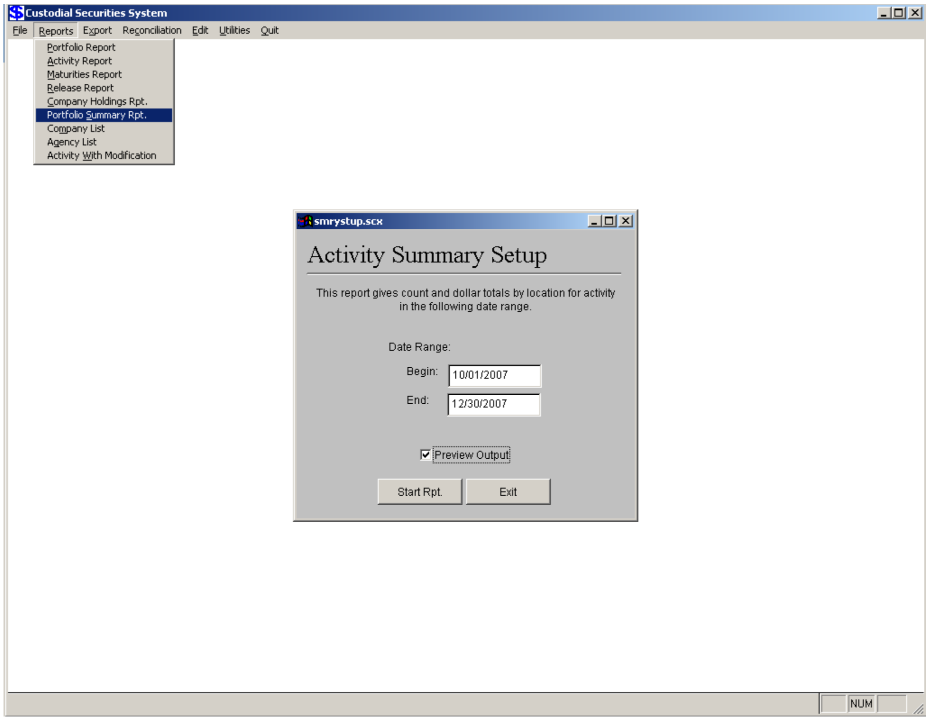
Agy	C	Name	H	Cusip	Type	Issuer	Dep. Date	Rel. Date	Amount
BHS		COMMUNITY	B	313396HH9	MB	FEDERAL HOME LN MTG	03/31/2003	06/25/2004	2,910,000.00
BHS		COMMUNITY	B	313384YG8	MB	FEDERAL HOME LOAN	06/18/2003	06/18/2004	5,820,000.00
BHS		COMMUNITY	B	313385GV2	MB	FHLB D/N	06/18/2004	06/13/2005	8,730,000.00
BHS		COMMUNITY	B	313385GS9	MB	FHLB D/N	09/02/2004	06/10/2005	10,760,000.00
									10,760,000.00
BHS		NORTHERN ARIZONA	B	313385KD7	MB	FEDERAL HOME LOAN	08/08/2000	08/08/2001	1,512,000.00
BHS		NORTHERN ARIZONA	B	S99992760	SB	FIDELITY	03/21/2003	07/22/2003	6,133,000.00
BHS		NORTHERN ARIZONA	B	S99992760	TN	U S TREASURY NOTES	01/08/2002	12/31/2002	10,370,492.98
									10,370,492.98
BHS		PINAL GILA	B	912833FU9	MB	TIGR SR SO	05/15/2003	05/17/2004	3,317,000.00
BHS		PINAL GILA	B	912795CA7	TB	U S TREASURY BILLS	08/27/1998	12/31/2002	3,793,000.00
BHS		PINAL GILA	B	912795CH2	TB	U S TREASURY BILLS	05/05/1999	12/31/2002	3,943,000.00
BHS		PINAL GILA	B	912795HJ3	TB	U S TREASURY BILLS	06/01/2001	12/31/2002	5,914,000.00
									5,914,000.00

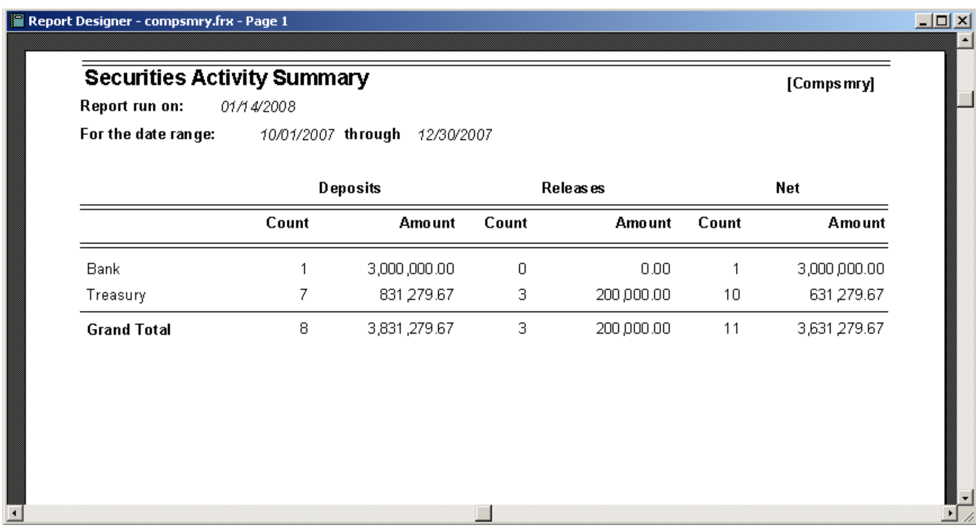
Report shows securities released sorted by state agency and company held for.





Company list used for audit requests.



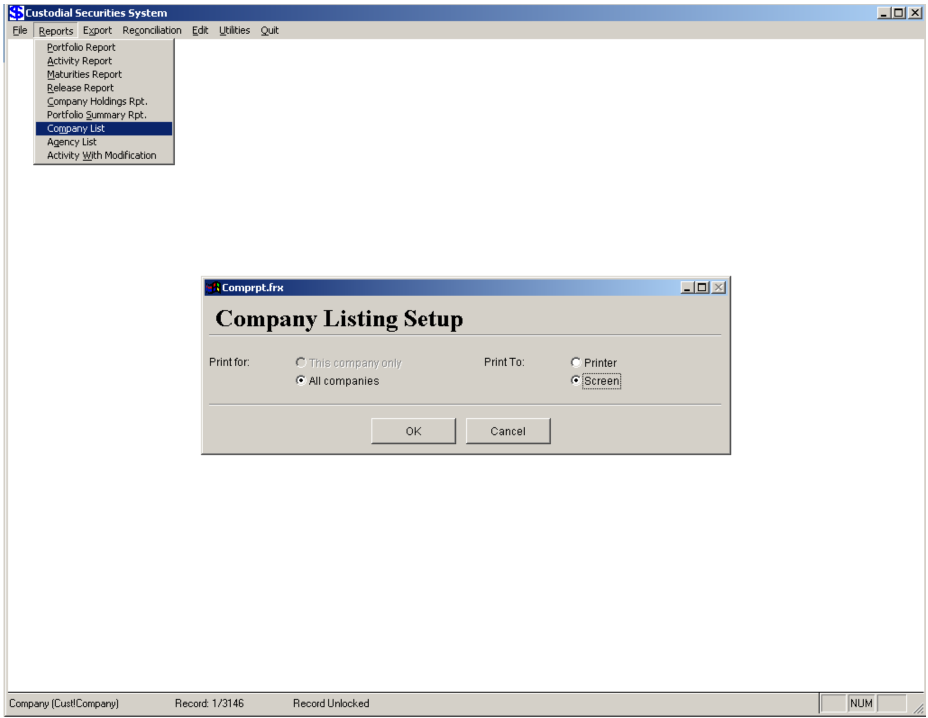

Report Designer - compsmry.frx - Page 1

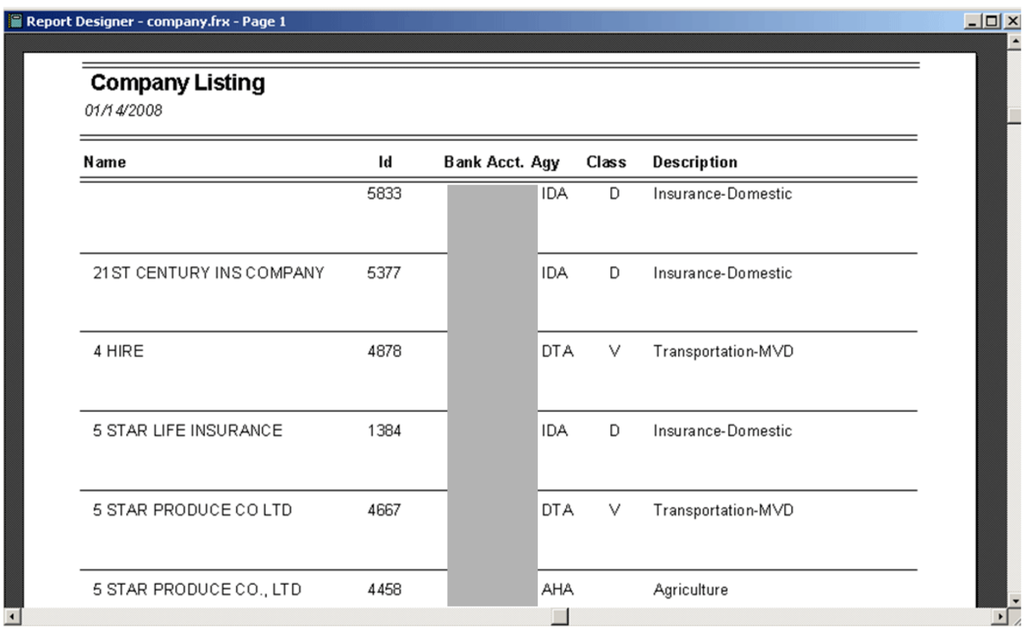
Securities Activity Summary **[Compsmry]**

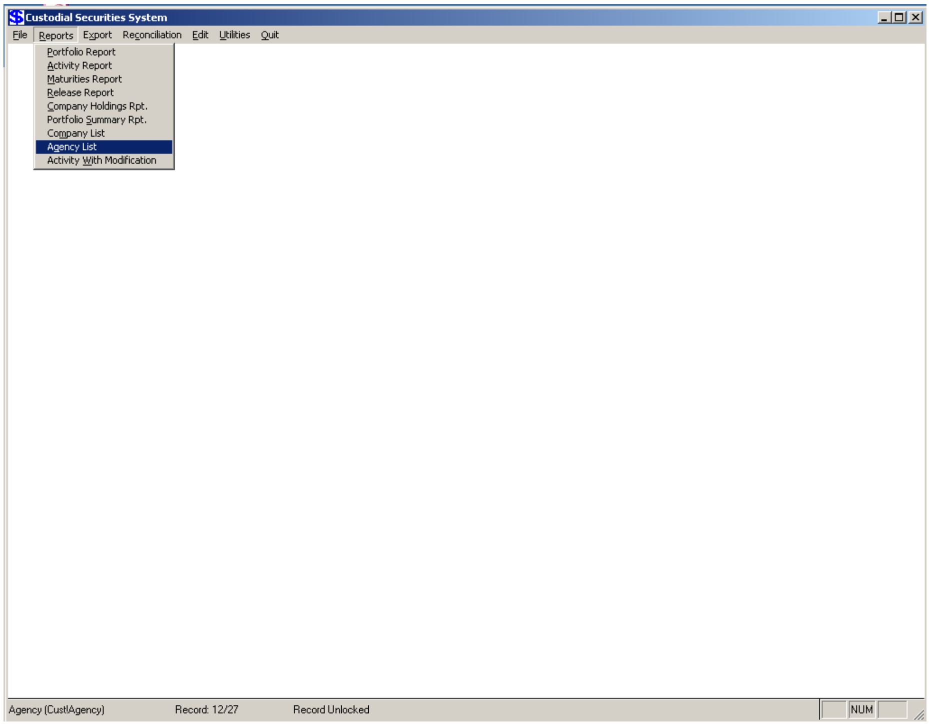
Report run on: *01/14/2008*

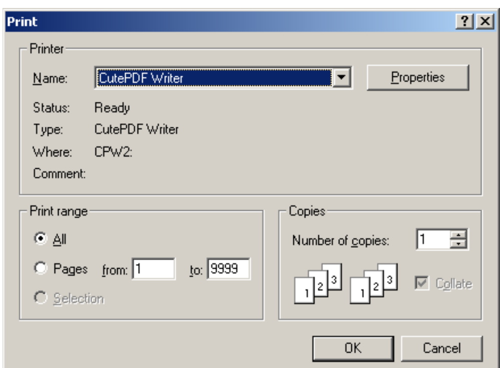
For the date range: *10/01/2007* **through** *12/30/2007*

	Deposits		Releases		Net	
	Count	**Amount**	**Count**	**Amount**	**Count**	**Amount**
Bank	1	3,000,000.00	0	0.00	1	3,000,000.00
Treasury	7	831,279.67	3	200,000.00	10	631,279.67
Grand Total	8	3,831,279.67	3	200,000.00	11	3,631,279.67

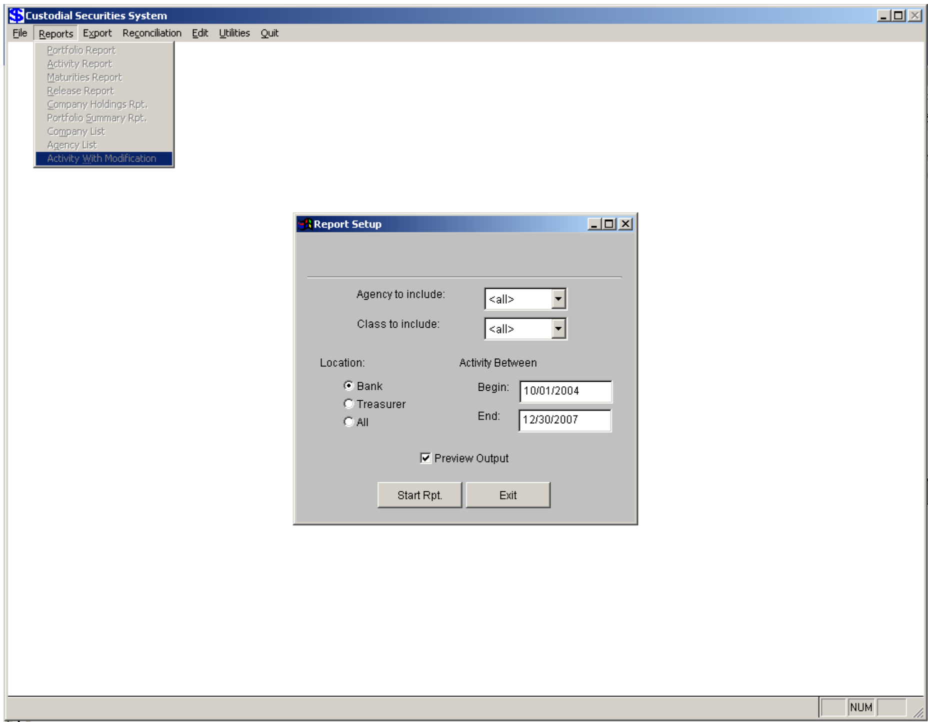

Custodial Securities System
File Reports Export Reconciliation Edit Utilities Quit
Portfolio Report
Activity Report
Maturities Report
Release Report
Company Holdings Rpt.
Portfolio Summary Rpt.
Company List
Agency List
Activity With Modification
Comprpt.frx
Company Listing Setup
Print for:
This company only
All companies
Print To:
Printer
Screen
OK
Cancel
Company (Cust!Company)
Record: 1/3146
Record Unlocked
NUM

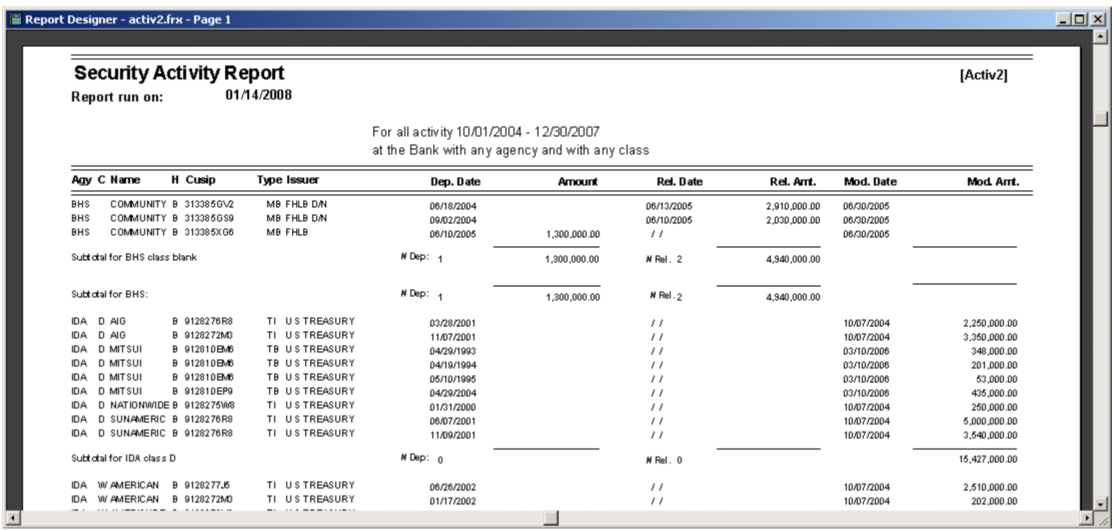

Report Designer - company.frx - Page 1
Company Listing
01/14/2008
Name
Id
Bank Acct.
Agy
Class
Description
5833 IDA D Insurance-Domestic
21ST CENTURY INS COMPANY 5377 IDA D Insurance-Domestic
4 HIRE 4878 DTA V Transportation-MVD
5 STAR LIFE INSURANCE 1384 IDA D Insurance-Domestic
5 STAR PRODUCE CO LTD 4667 DTA V Transportation-MVD
5 STAR PRODUCE CO., LTD 4458 AHA Agriculture





Launches Printer




Report Designer - activ2.frx - Page 1

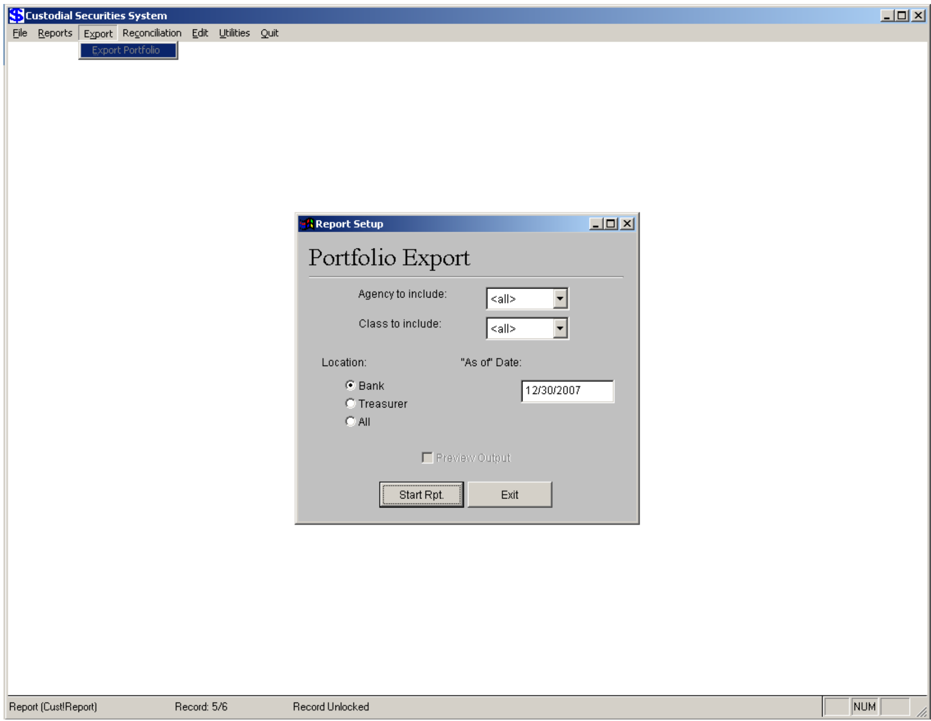
Security Activity Report [Activ2]

Report run on: 01/14/2008

For all activity 10/01/2004 - 12/30/2007
at the Bank with any agency and with any class

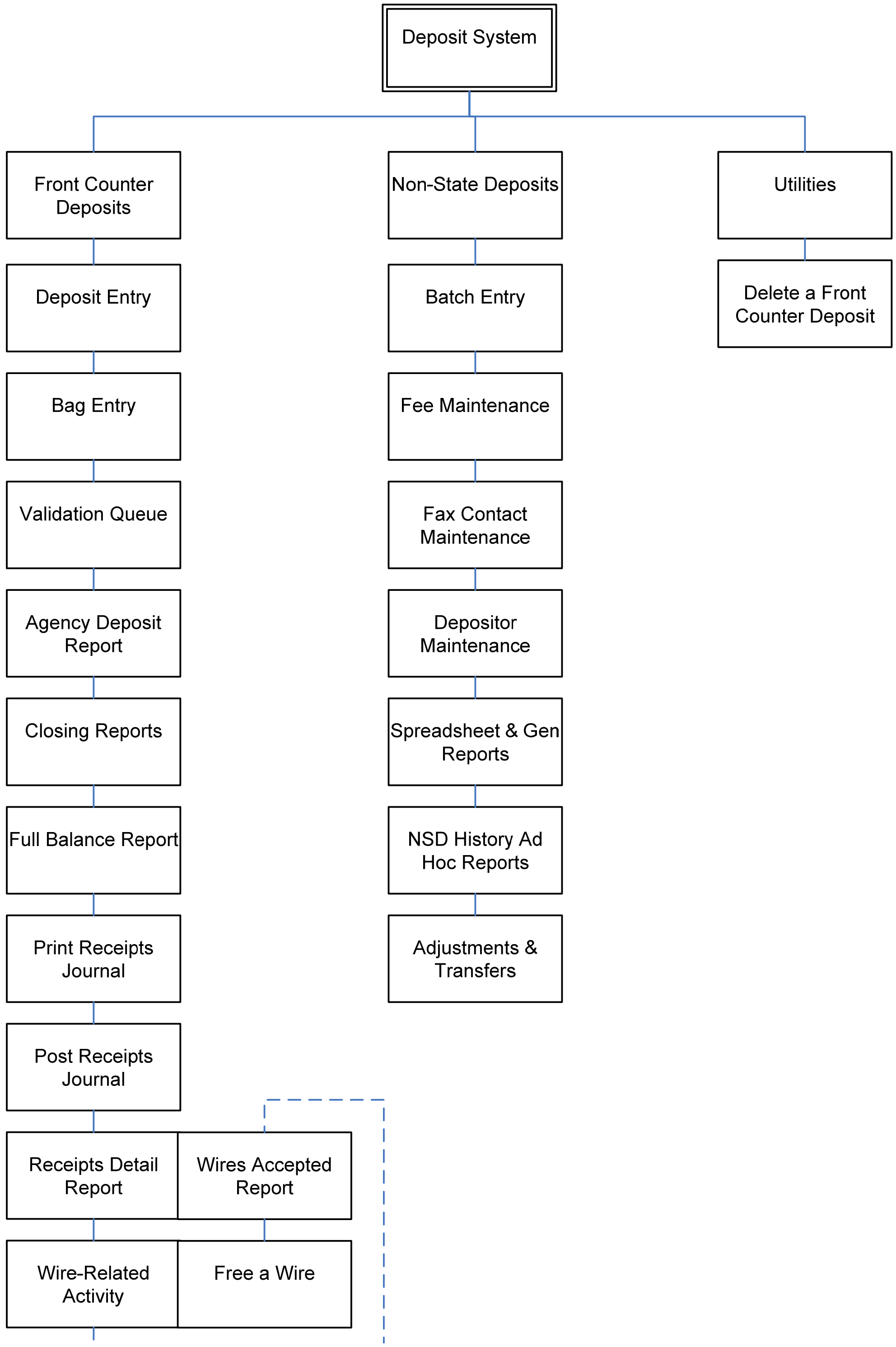
Agy	C	Name	H	Cusip	Type	Issuer	Dep. Date	Amount	Rel. Date	Rel. Amt.	Mod. Date	Mod. Amt.
BHS		COMMUNITY	B	313385GV2	MB	FHLB D/N	06/18/2004		06/13/2005	2,910,000.00	06/30/2005	
BHS		COMMUNITY	B	313385GS9	MB	FHLB D/N	09/02/2004		06/10/2005	2,030,000.00	06/30/2005	
BHS		COMMUNITY	B	313385XG6	MB	FHLB	06/10/2005	1,300,000.00	/ /		06/30/2005	
Subtotal for BHS class blank							# Dep: 1	1,300,000.00	# Rel. 2	4,940,000.00		
Subtotal for BHS:							# Dep: 1	1,300,000.00	# Rel. 2	4,940,000.00		
IDA	D	AIG	B	9128276R8	TI	U S TREASURY	03/28/2001		/ /		10/07/2004	2,250,000.00
IDA	D	AIG	B	9128272M3	TI	U S TREASURY	11/07/2001		/ /		10/07/2004	3,350,000.00
IDA	D	MITSUI	B	912810EM6	TB	U S TREASURY	04/29/1993		/ /		03/10/2006	348,000.00
IDA	D	MITSUI	B	912810EM6	TB	U S TREASURY	04/19/1994		/ /		03/10/2006	201,000.00
IDA	D	MITSUI	B	912810EM6	TB	U S TREASURY	05/10/1995		/ /		03/10/2006	53,000.00
IDA	D	MITSUI	B	912810EP9	TB	U S TREASURY	04/29/2004		/ /		03/10/2006	435,000.00
IDA	D	NATIONWIDE	B	9128275W8	TI	U S TREASURY	01/31/2000		/ /		10/07/2004	250,000.00
IDA	D	SUNAMERIC	B	9128276R8	TI	U S TREASURY	06/07/2001		/ /		10/07/2004	5,000,000.00
IDA	D	SUNAMERIC	B	9128276R8	TI	U S TREASURY	11/09/2001		/ /		10/07/2004	3,540,000.00
Subtotal for IDA class D							# Dep: 0		# Rel. 0			15,427,000.00
IDA	W	AMERICAN	B	9128277J5	TI	U S TREASURY	06/26/2002		/ /		10/07/2004	2,510,000.00
IDA	W	AMERICAN	B	9128272M3	TI	U S TREASURY	01/17/2002		/ /		10/07/2004	202,000.00

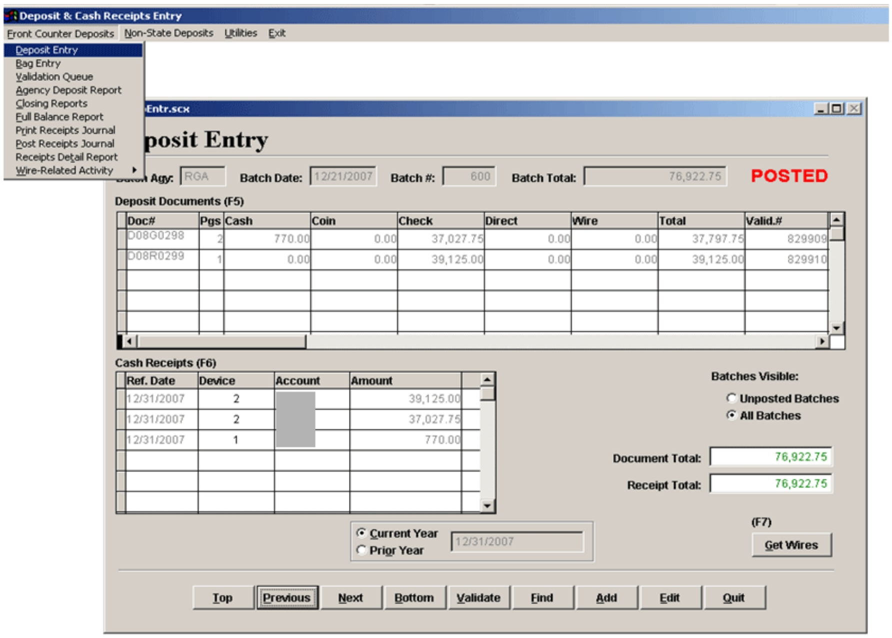
Activity report by agency, by company listing securities held or released during specified time period.



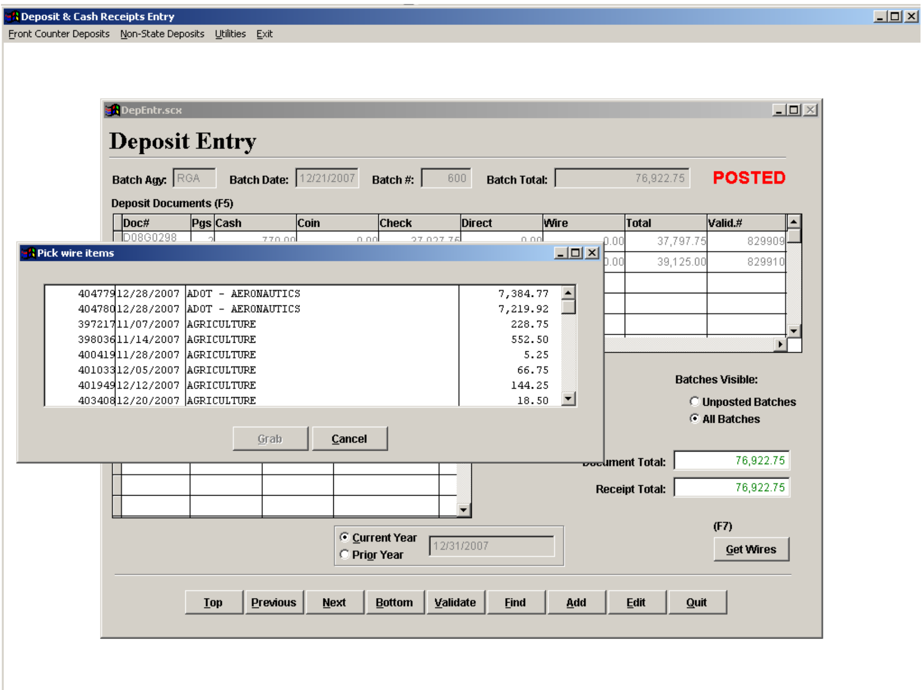
Creates .txt file

Arizona State Treasurer's Office
FMS RFI

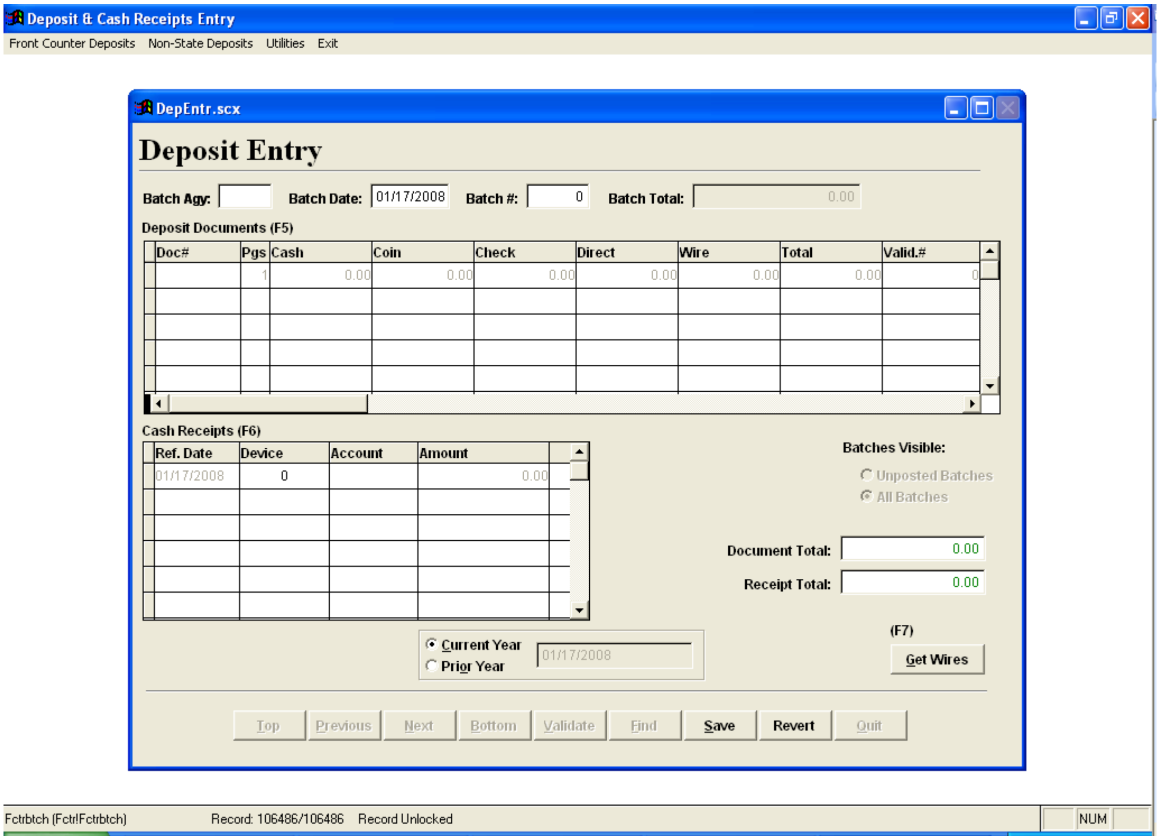




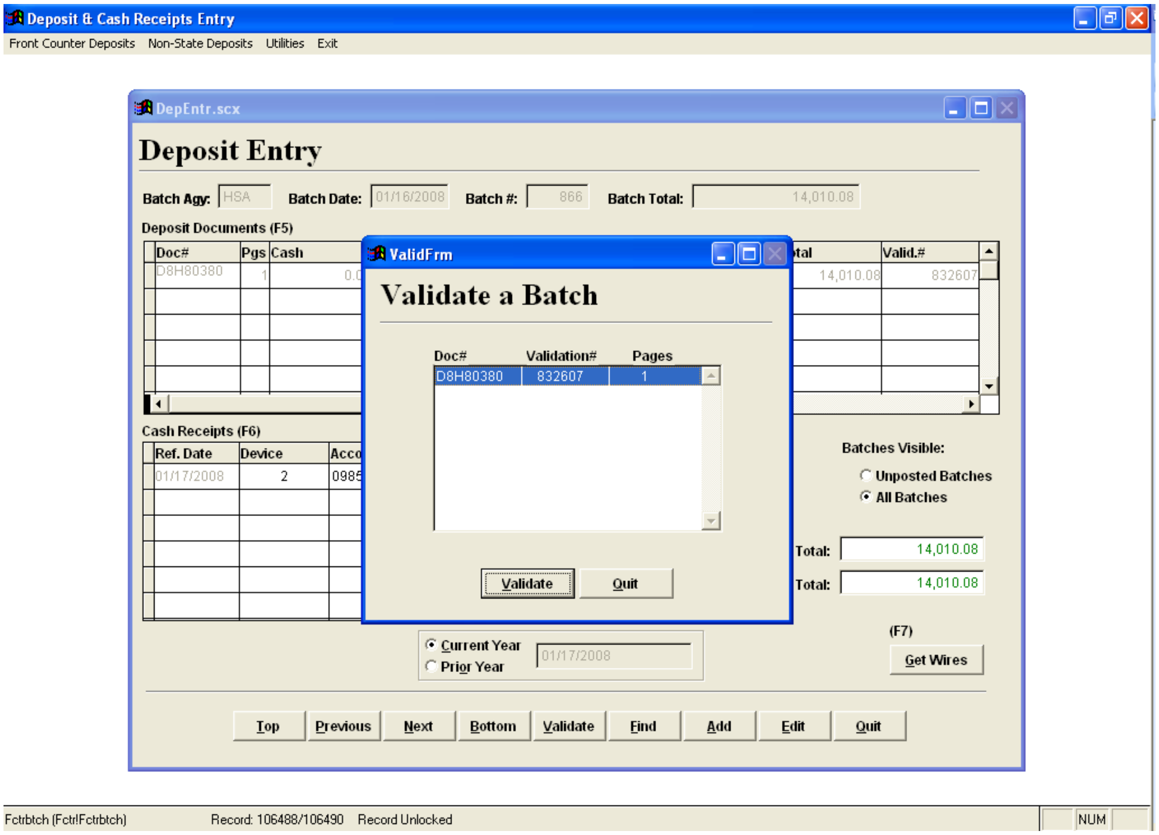
Top ½ of screen is used to input information from GAO 505/605 provided by agency. Bottom ½ of screen is used to input the breakdown of cash, check, direct deposit or wire amounts received associated with the agency deposit.



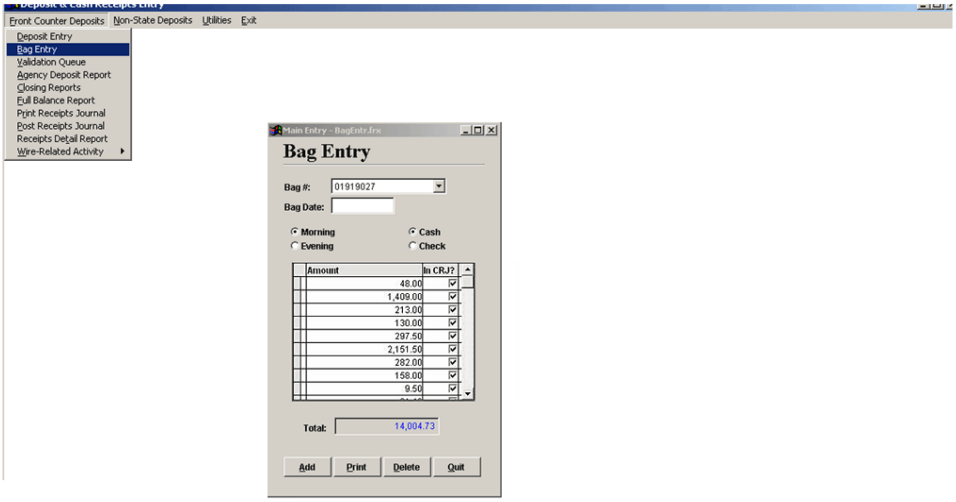
Wire items are from list that is maintained by wire desk.



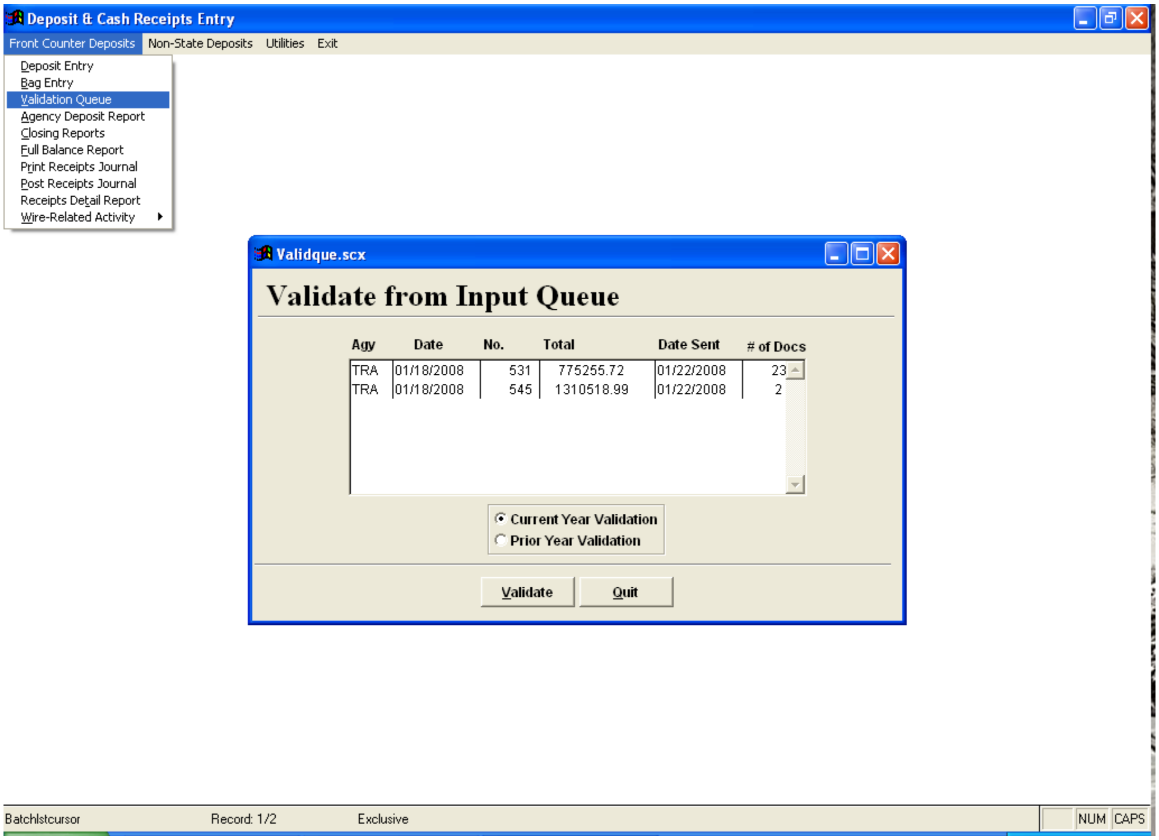
Once the Document Total and Receipt Total balance; "Save". This brings up the validation screen shown below.



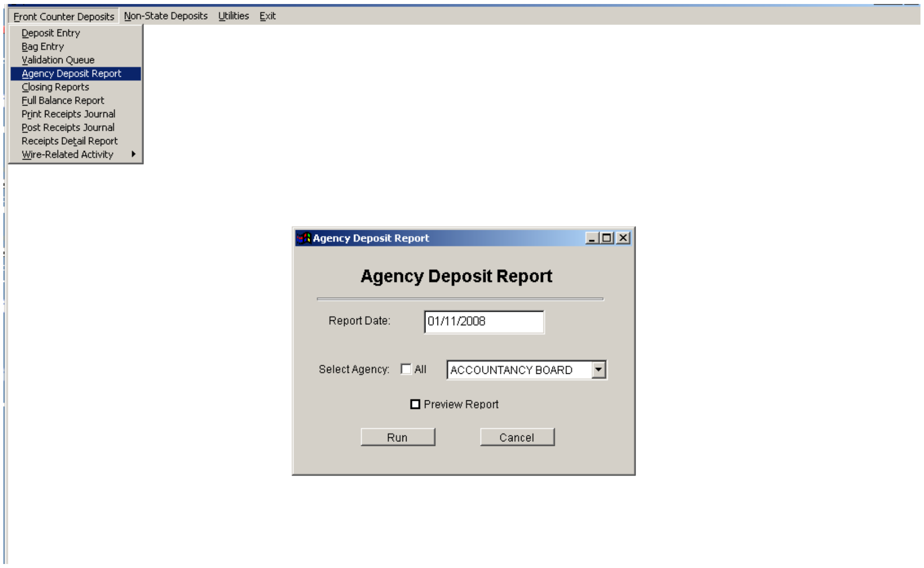
Validate key causes the validation printer to print a unique sequential validation number onto the GAO-505/605 brought by the agency.



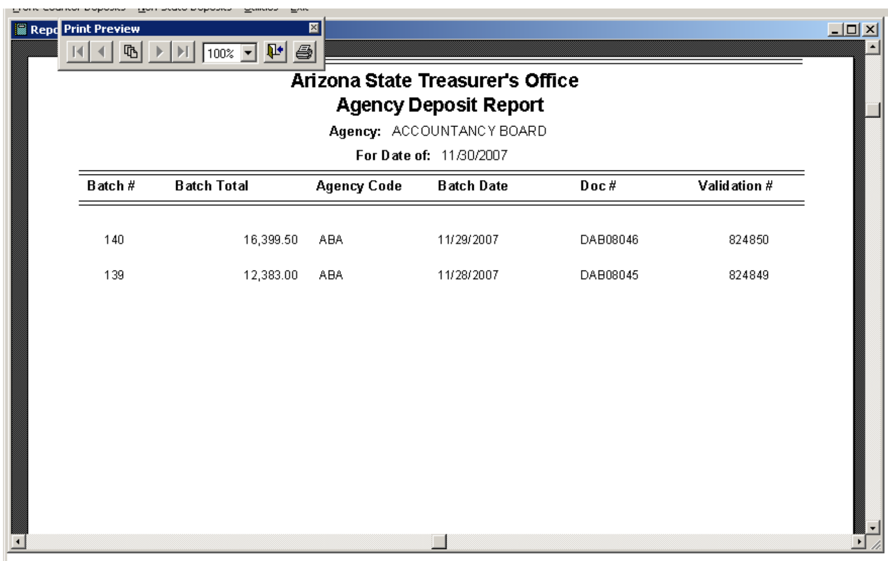
Used to record pre-numbered bank bags and the individual checks and cash amounts in them. (Cash and checks are bagged separate). The system verifies (by placing a check mark in the box) that the amount was input into the "receipts" section of the deposit entry screen.

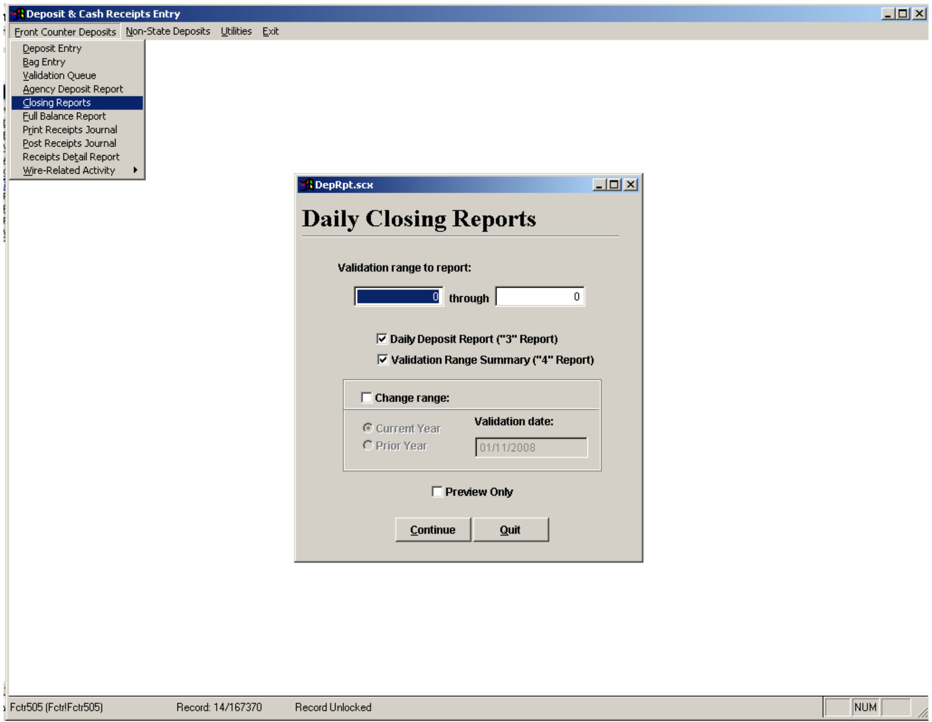


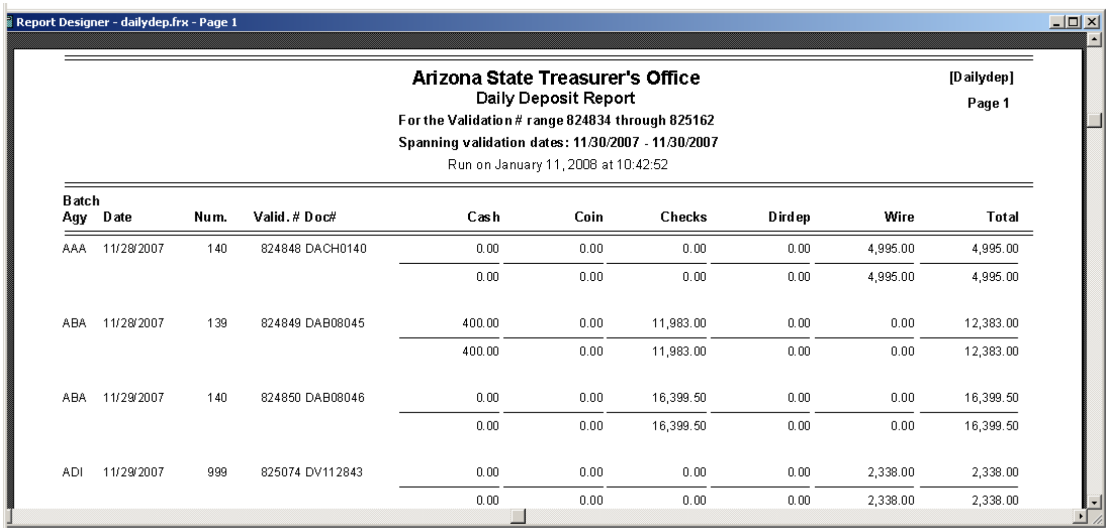
Shows batch header for validated batches. This is used to re-print validation. Also used for research, looking up agency information by validation number.



Report can be run on specific agency or for all agencies for a specified date to show the information for that date.







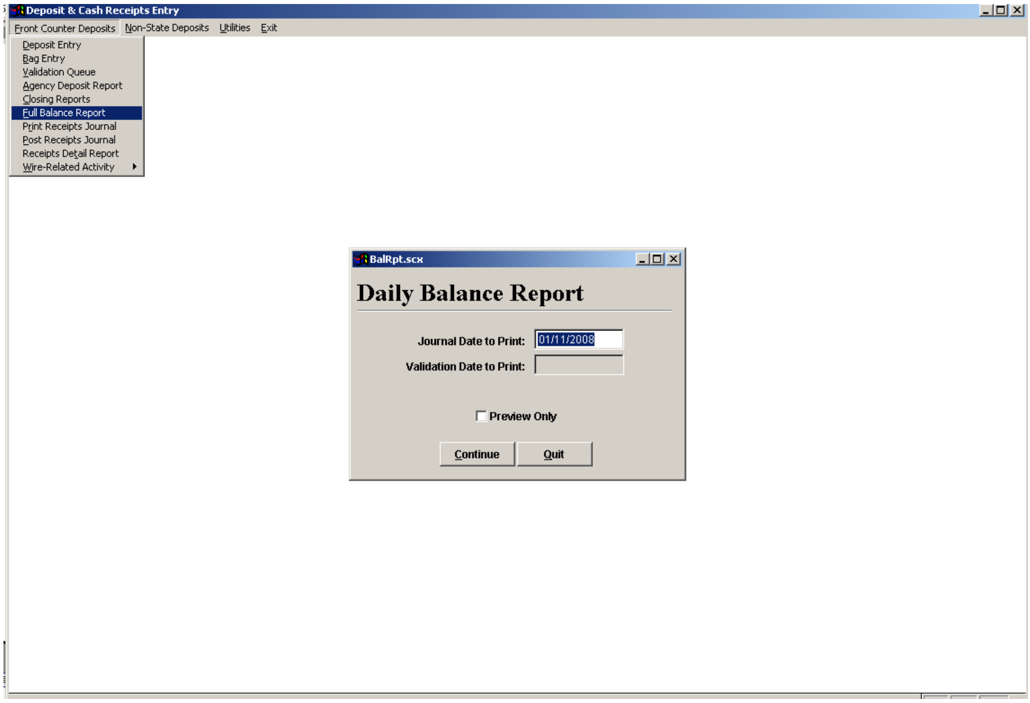
Report Designer - dailydep.frx - Page 1

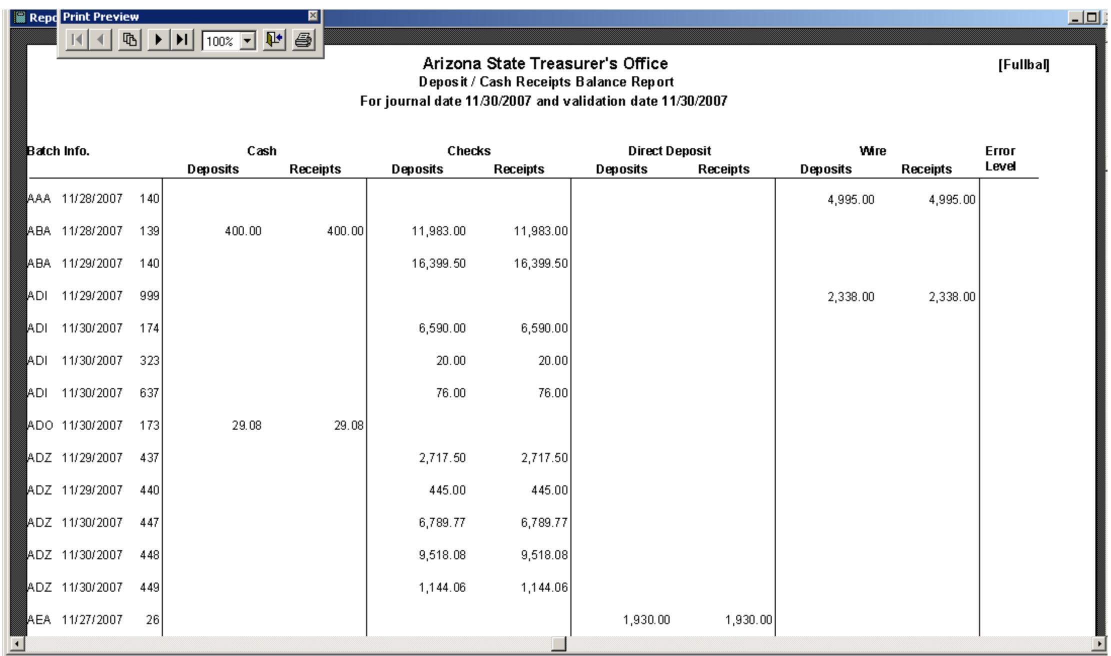
Arizona State Treasurer's Office
Daily Deposit Report
For the Validation # range 824834 through 825162
Spanning validation dates: 11/30/2007 - 11/30/2007
Run on January 11, 2008 at 10:42:52

[Dailydep]
Page 1

Batch Agy	Date	Num.	Valid. # Doc#	Cash	Coin	Checks	Dirdep	Wire	Total
AAA	11/28/2007	140	824848 DACH0140	0.00	0.00	0.00	0.00	4,995.00	4,995.00
				0.00	0.00	0.00	0.00	4,995.00	4,995.00
ABA	11/28/2007	139	824849 DAB08045	400.00	0.00	11,983.00	0.00	0.00	12,383.00
				400.00	0.00	11,983.00	0.00	0.00	12,383.00
ABA	11/29/2007	140	824850 DAB08046	0.00	0.00	16,399.50	0.00	0.00	16,399.50
				0.00	0.00	16,399.50	0.00	0.00	16,399.50
ADI	11/29/2007	999	825074 DV112843	0.00	0.00	0.00	0.00	2,338.00	2,338.00
				0.00	0.00	0.00	0.00	2,338.00	2,338.00

Report shows the days deposits processed in alphabetic order by agency. Copy is kept with day's work. It is an easy report to check for a specific item in the day's work before going through all the processed copies that we keep.



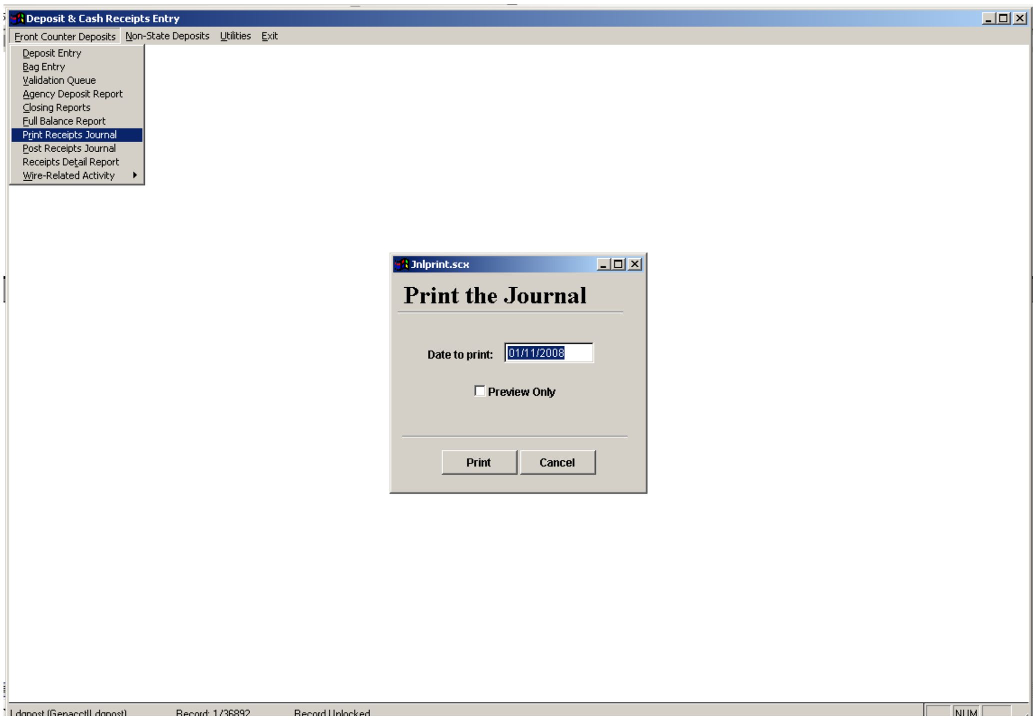


Arizona State Treasurer's Office
Deposit / Cash Receipts Balance Report
For journal date 11/30/2007 and validation date 11/30/2007

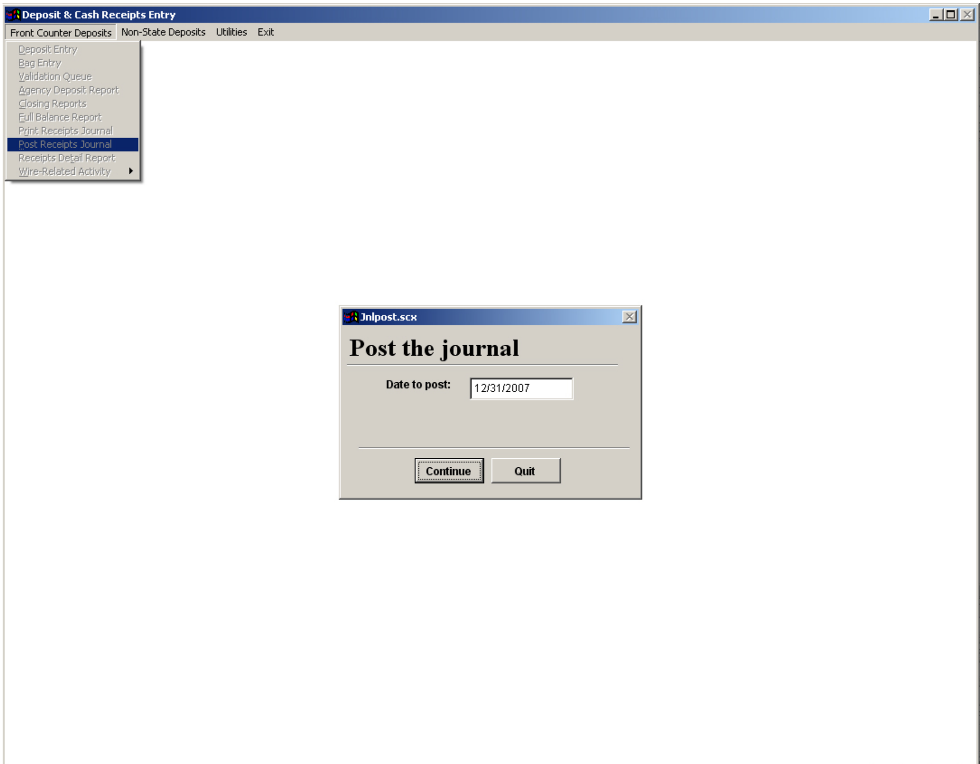
[Fullbal]

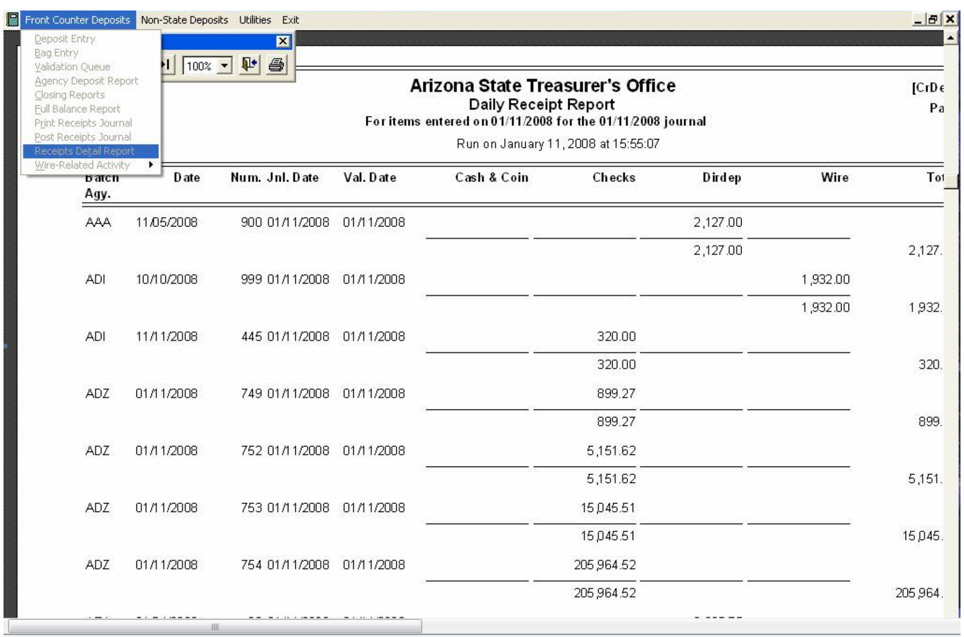
Batch Info.			Cash Deposits	Cash Receipts	Checks Deposits	Checks Receipts	Direct Deposit Deposits	Direct Deposit Receipts	Wire Deposits	Wire Receipts	Error Level
AAA	11/28/2007	140							4,995.00	4,995.00	
ABA	11/28/2007	139	400.00	400.00	11,983.00	11,983.00					
ABA	11/29/2007	140			16,399.50	16,399.50					
ADI	11/29/2007	999							2,338.00	2,338.00	
ADI	11/30/2007	174			6,590.00	6,590.00					
ADI	11/30/2007	323			20.00	20.00					
ADI	11/30/2007	637			76.00	76.00					
ADO	11/30/2007	173	29.08	29.08							
ADZ	11/29/2007	437			2,717.50	2,717.50					
ADZ	11/29/2007	440			445.00	445.00					
ADZ	11/30/2007	447			6,789.77	6,789.77					
ADZ	11/30/2007	448			9,518.08	9,518.08					
ADZ	11/30/2007	449			1,144.06	1,144.06					
AEA	11/27/2007	26					1,930.00	1,930.00			

This report shows the total for cash, checks, direct deposits & wires. The totals are compared to the totals from the bank deposit tickets brought by the agencies with their deposit forms (GAO-505/605).

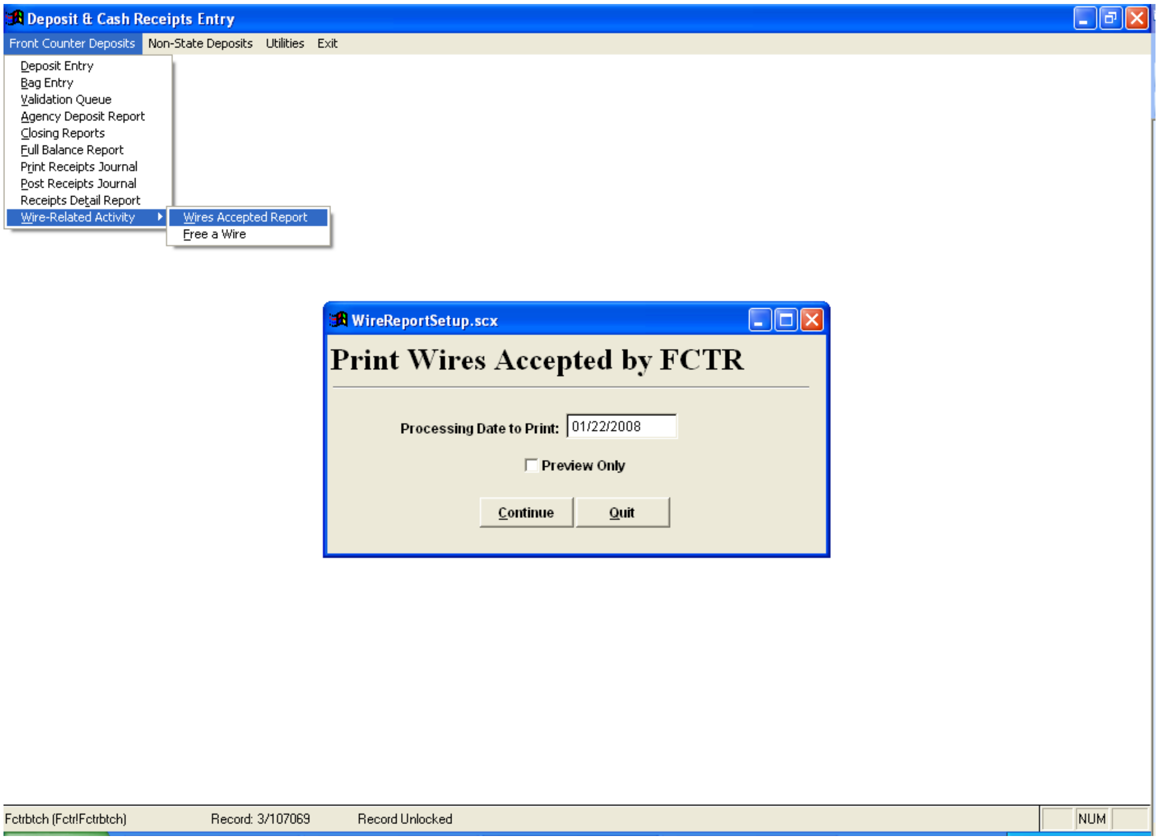


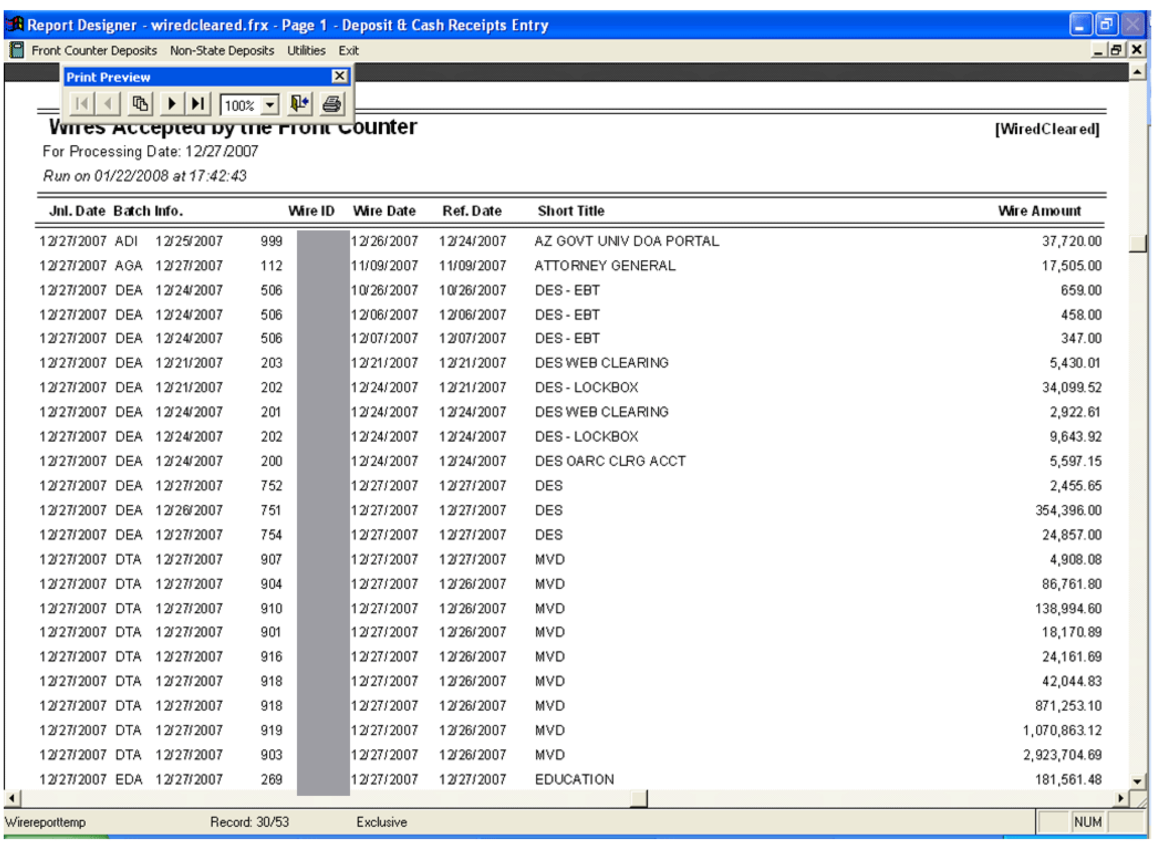
Shows receipts to be posted to the General Ledger.





Report shows alphabetically listed by agency the deposits processed for a specified time period.





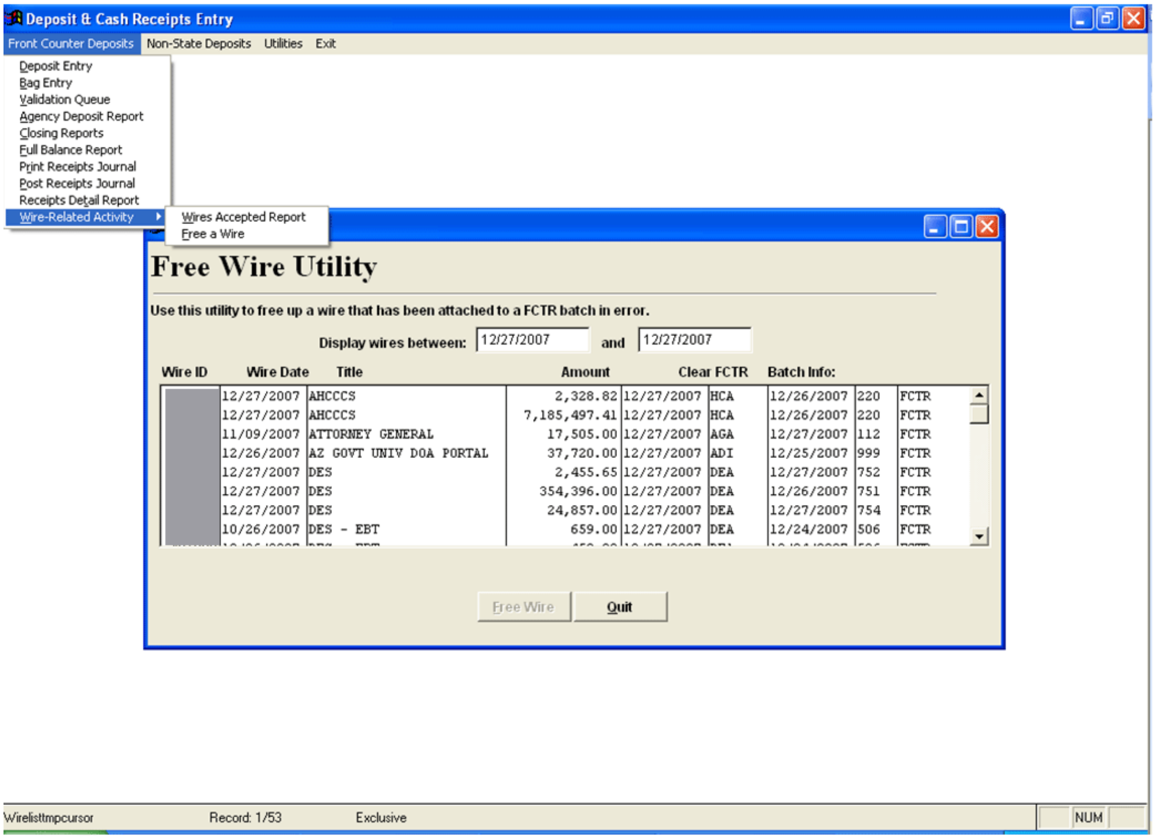
Wires Accepted by the Front Counter [WiredCleared]

For Processing Date: 12/27/2007

Run on 01/22/2008 at 17:42:43

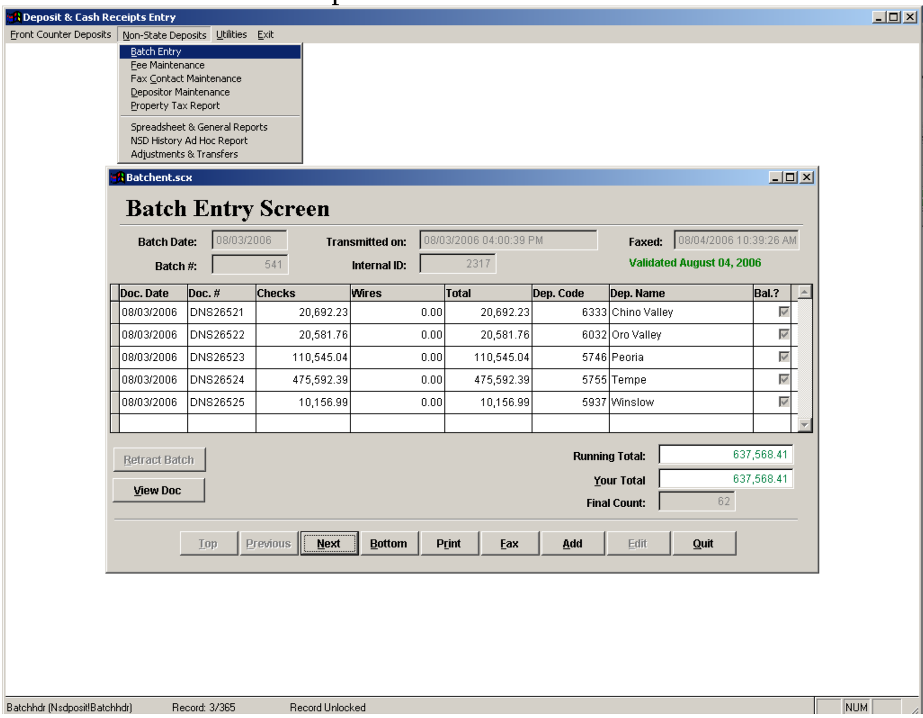
Jnl. Date	Batch Info.			Wire ID	Wire Date	Ref. Date	Short Title	Wire Amount
12/27/2007	ADI	12/25/2007	999		12/26/2007	12/24/2007	AZ GOVT UNIV DOA PORTAL	37,720.00
12/27/2007	AGA	12/27/2007	112		11/09/2007	11/09/2007	ATTORNEY GENERAL	17,505.00
12/27/2007	DEA	12/24/2007	506		10/26/2007	10/26/2007	DES - EBT	659.00
12/27/2007	DEA	12/24/2007	506		12/06/2007	12/06/2007	DES - EBT	458.00
12/27/2007	DEA	12/24/2007	506		12/07/2007	12/07/2007	DES - EBT	347.00
12/27/2007	DEA	12/21/2007	203		12/21/2007	12/21/2007	DES WEB CLEARING	5,430.01
12/27/2007	DEA	12/21/2007	202		12/24/2007	12/21/2007	DES - LOCKBOX	34,099.52
12/27/2007	DEA	12/24/2007	201		12/24/2007	12/24/2007	DES WEB CLEARING	2,922.61
12/27/2007	DEA	12/24/2007	202		12/24/2007	12/24/2007	DES - LOCKBOX	9,643.92
12/27/2007	DEA	12/24/2007	200		12/24/2007	12/24/2007	DES OARC CLRG ACCT	5,597.15
12/27/2007	DEA	12/27/2007	752		12/27/2007	12/27/2007	DES	2,455.65
12/27/2007	DEA	12/26/2007	751		12/27/2007	12/27/2007	DES	354,396.00
12/27/2007	DEA	12/27/2007	754		12/27/2007	12/27/2007	DES	24,857.00
12/27/2007	DTA	12/27/2007	907		12/27/2007	12/27/2007	MVD	4,908.08
12/27/2007	DTA	12/27/2007	904		12/27/2007	12/26/2007	MVD	86,761.80
12/27/2007	DTA	12/27/2007	910		12/27/2007	12/26/2007	MVD	138,994.60
12/27/2007	DTA	12/27/2007	901		12/27/2007	12/26/2007	MVD	18,170.89
12/27/2007	DTA	12/27/2007	916		12/27/2007	12/26/2007	MVD	24,161.69
12/27/2007	DTA	12/27/2007	918		12/27/2007	12/26/2007	MVD	42,044.83
12/27/2007	DTA	12/27/2007	918		12/27/2007	12/26/2007	MVD	871,253.10
12/27/2007	DTA	12/27/2007	919		12/27/2007	12/26/2007	MVD	1,070,863.12
12/27/2007	DTA	12/27/2007	903		12/27/2007	12/26/2007	MVD	2,923,704.69
12/27/2007	EDA	12/27/2007	269		12/27/2007	12/27/2007	EDUCATION	181,561.48

This is printed and kept with the daily bundle of deposits. It shows the wires that were matched to the deposits processed for the day.

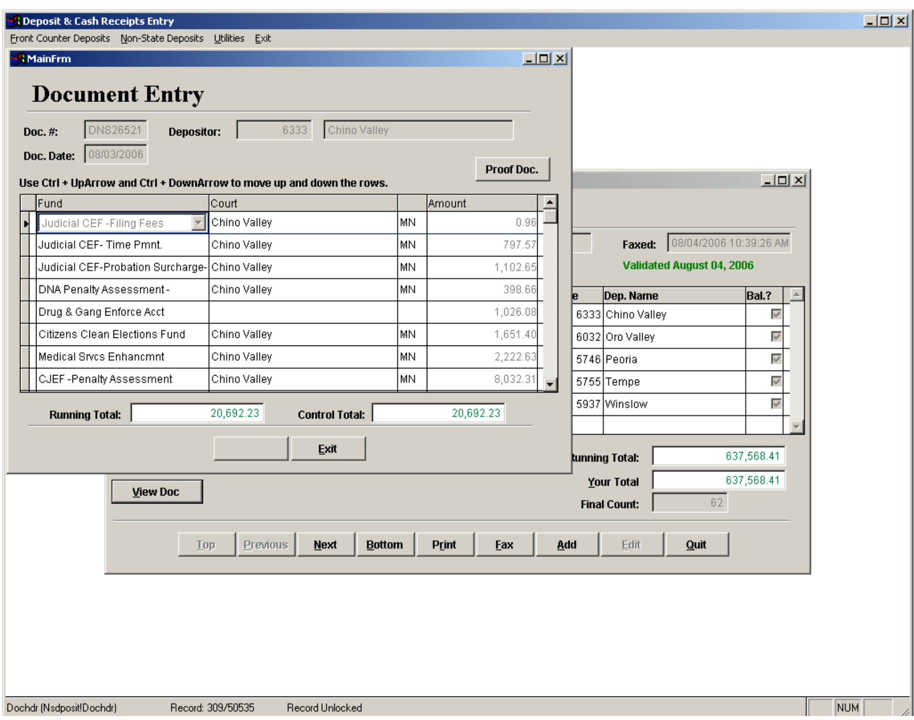


This is used to "free" a wire that was previously "grabbed" during the deposit entry for a deposit that was processed. This is commonly used in conjunction with deleting a validated deposit when corrections are needed or if the wrong wire was processed with a deposit. This is needed so that the wire will be available in the wire list later to be able to process the deposit when ready.

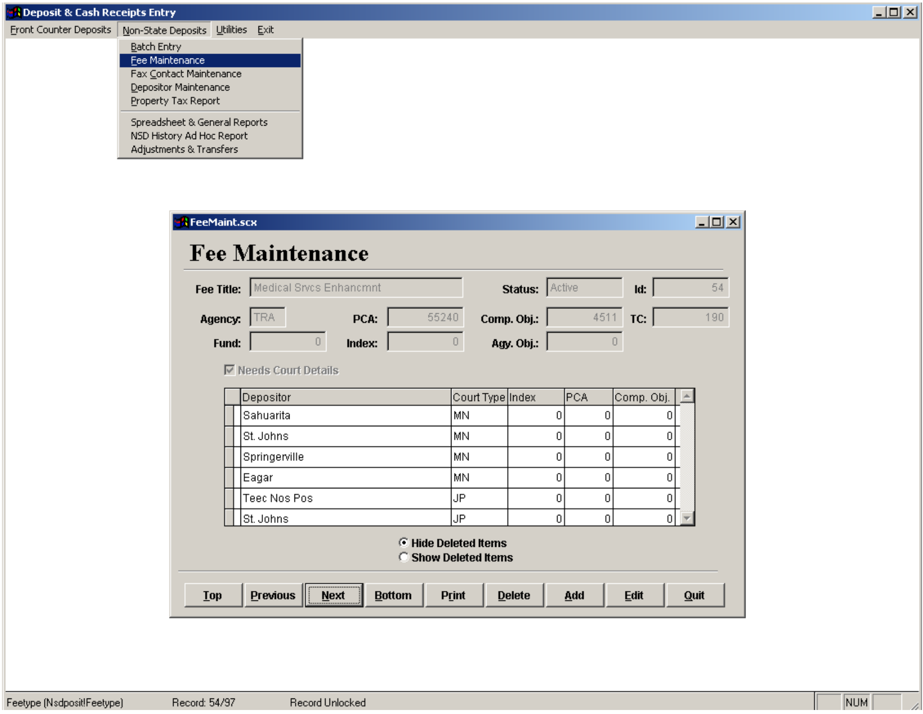
Non-State Remittance Deposits



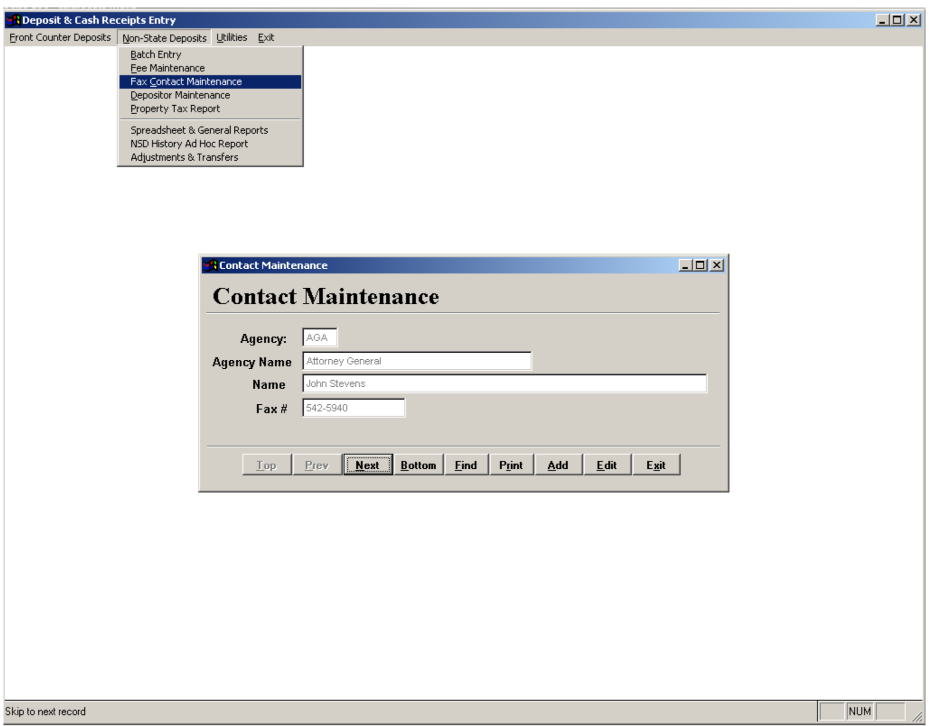
Information input from non-state remittance form and check (wire) amount received.



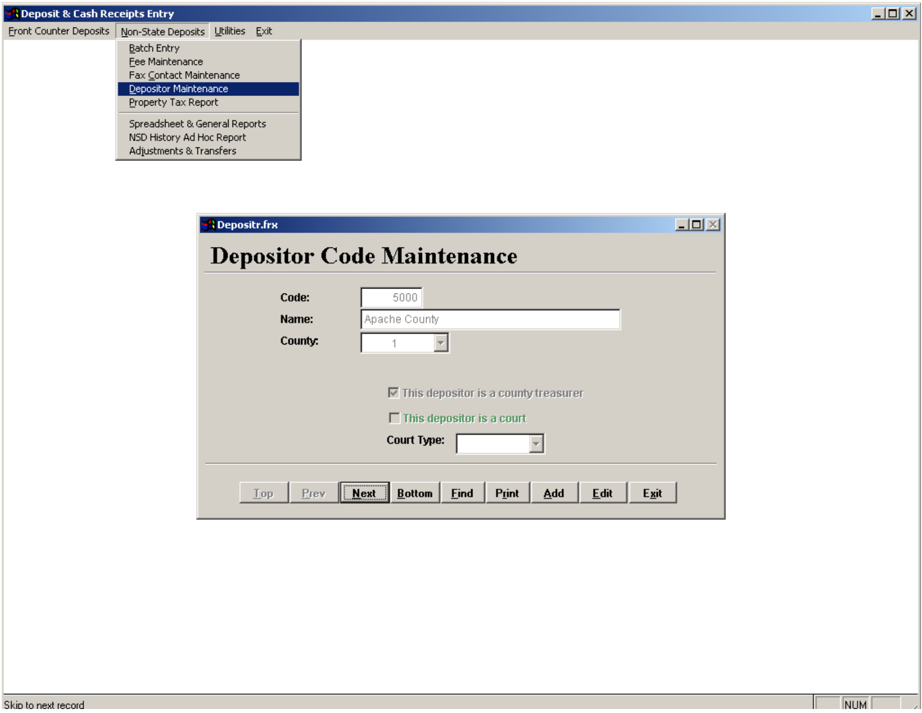
Detail information by fee type input from non-state remittance form.



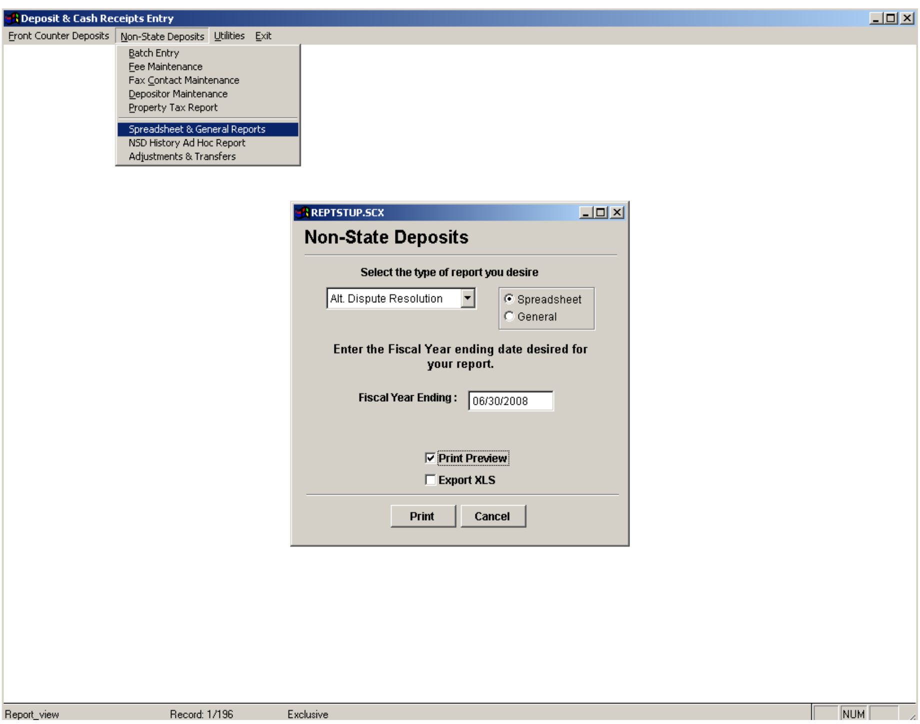
Screen used to maintain fee types, update USAS information used for upload from our system to USAS.

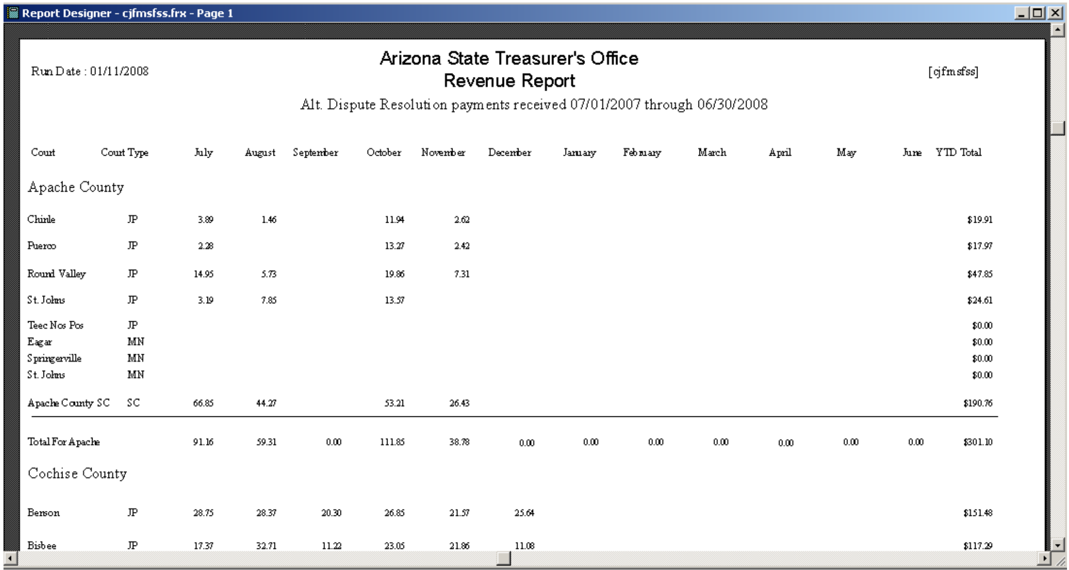


Used to maintain names and fax numbers from agencies for faxing notices.



Maintain unique depositor codes (assigned by our office) for all courts/government entities that pay fees.





Report Designer - cjfmsfss.frx - Page 1

Run Date : 01/11/2008

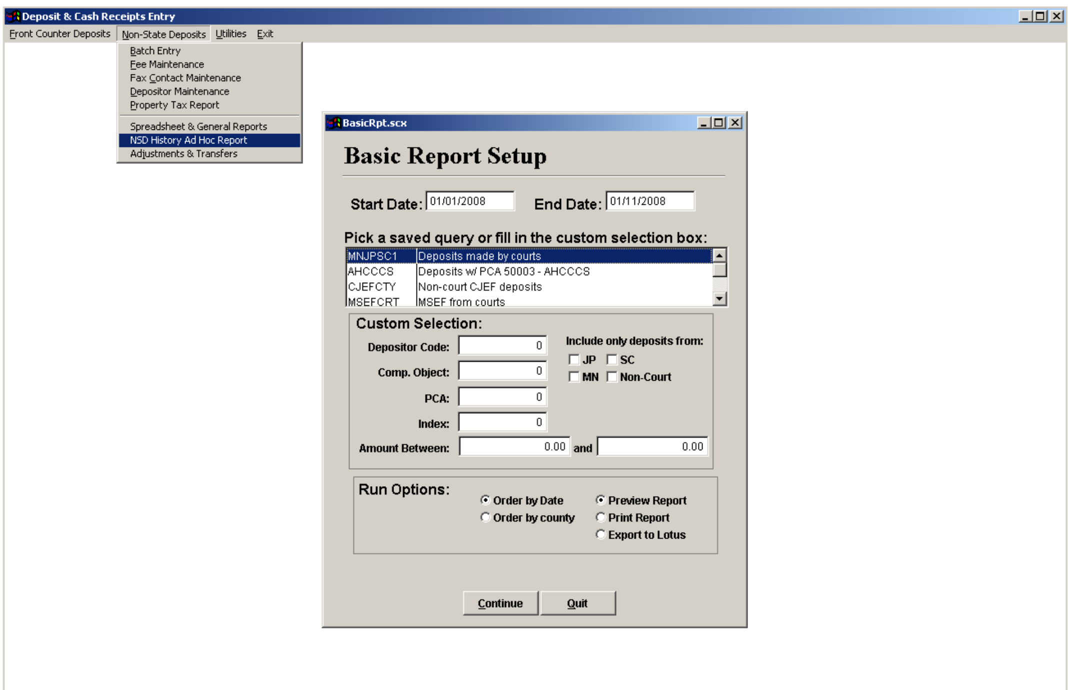
Arizona State Treasurer's Office
Revenue Report

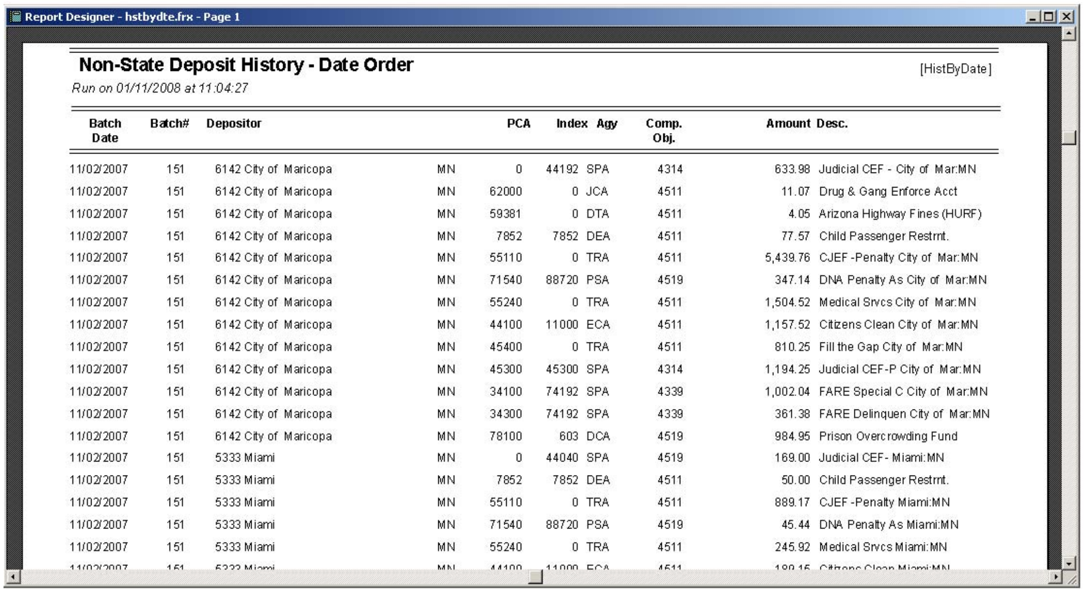
[cjfmsfss]

Alt. Dispute Resolution payments received 07/01/2007 through 06/30/2008

Court	Court Type	July	August	September	October	November	December	January	February	March	April	May	June	YTD Total
Apache County														
Chinle	JP	3.89	1.46		11.94	2.62								$19.91
Puerco	JP	2.28			13.27	2.42								$17.97
Round Valley	JP	14.95	5.73		19.86	7.31								$47.85
St. Johns	JP	3.19	7.85		13.57									$24.61
Teec Nos Pos	JP													$0.00
Eagar	MN													$0.00
Springerville	MN													$0.00
St. Johns	MN													$0.00
Apache County SC	SC	66.85	44.27		53.21	26.43								$190.76
Total For Apache		91.16	59.31	0.00	111.85	38.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$301.10
Cochise County														
Benson	JP	28.75	28.37	20.30	26.85	21.57	25.64							$151.48
Bisbee	JP	17.37	32.71	11.22	23.05	21.86	11.08							$117.29

Reports run at end of month for distribution to state agencies.





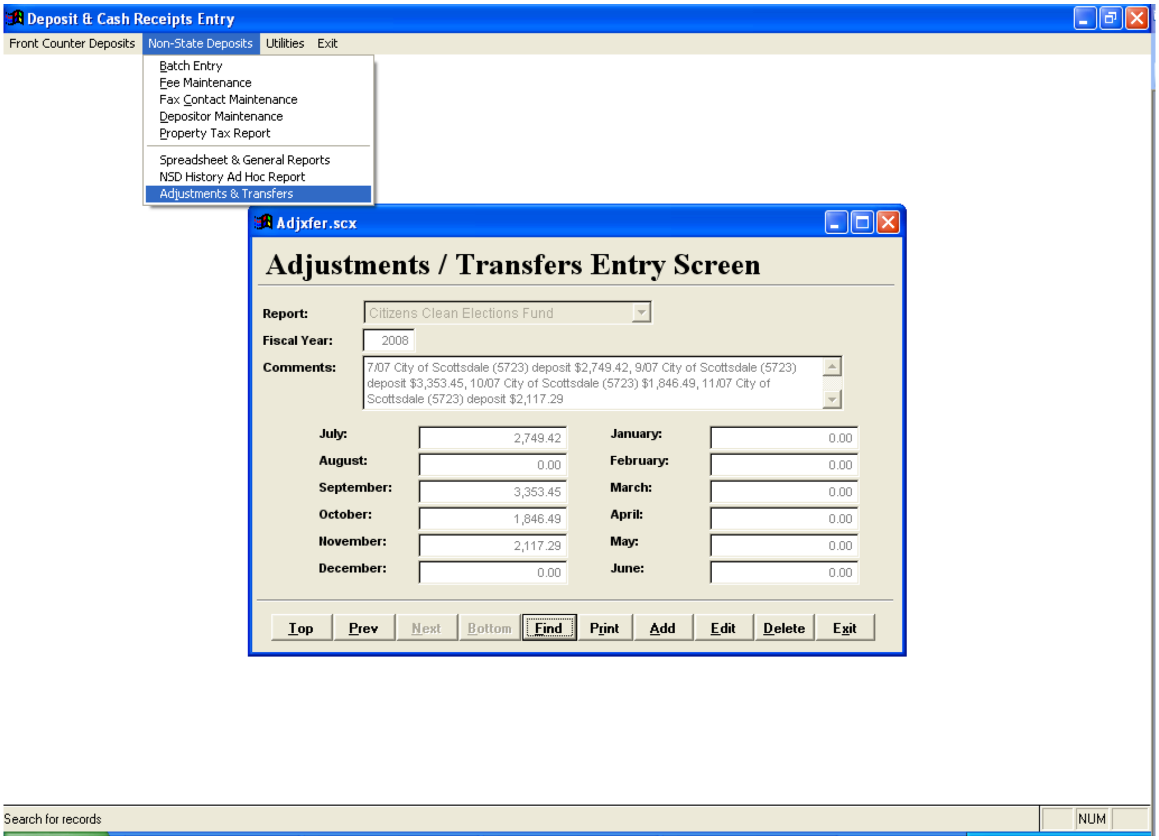
Report Designer - hstbydte.frx - Page 1

Non-State Deposit History - Date Order [HistByDate]

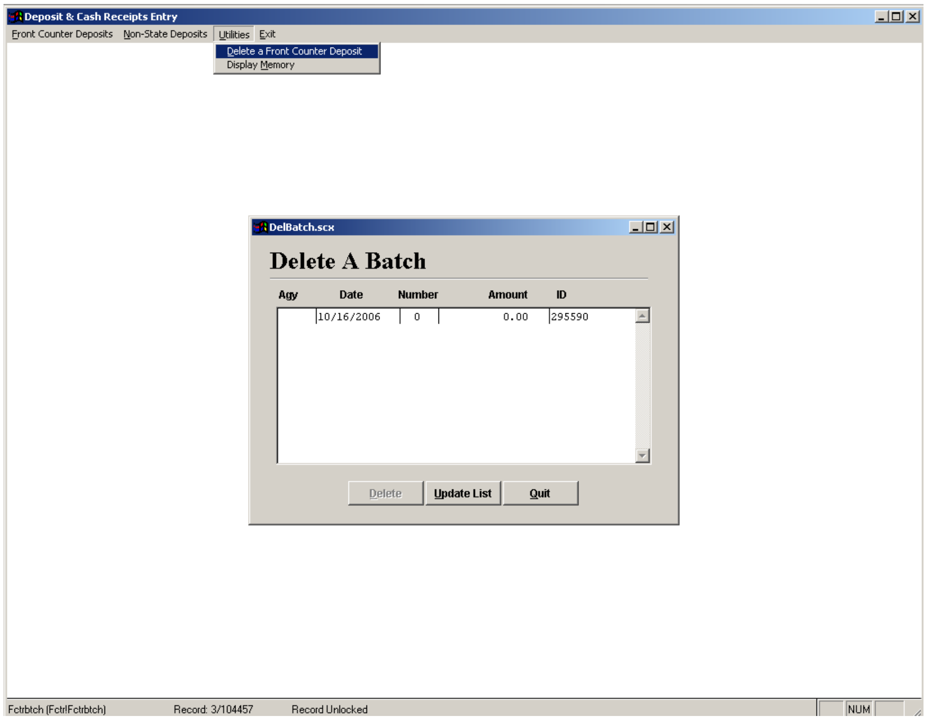
Run on 01/11/2008 at 11:04:27

Batch Date	Batch#	Depositor		PCA	Index	Agy	Comp. Obj.	Amount	Desc.
11/02/2007	151	6142 City of Maricopa	MN	0	44192	SPA	4314	633.98	Judicial CEF - City of Mar:MN
11/02/2007	151	6142 City of Maricopa	MN	62000	0	JCA	4511	11.07	Drug & Gang Enforce Acct
11/02/2007	151	6142 City of Maricopa	MN	59381	0	DTA	4511	4.05	Arizona Highway Fines (HURF)
11/02/2007	151	6142 City of Maricopa	MN	7852	7852	DEA	4511	77.57	Child Passenger Restrnt.
11/02/2007	151	6142 City of Maricopa	MN	55110	0	TRA	4511	5,439.76	CJEF -Penalty City of Mar:MN
11/02/2007	151	6142 City of Maricopa	MN	71540	88720	PSA	4519	347.14	DNA Penalty As City of Mar:MN
11/02/2007	151	6142 City of Maricopa	MN	55240	0	TRA	4511	1,504.52	Medical Srvcs City of Mar:MN
11/02/2007	151	6142 City of Maricopa	MN	44100	11000	ECA	4511	1,157.52	Citizens Clean City of Mar:MN
11/02/2007	151	6142 City of Maricopa	MN	45400	0	TRA	4511	810.25	Fill the Gap City of Mar:MN
11/02/2007	151	6142 City of Maricopa	MN	45300	45300	SPA	4314	1,194.25	Judicial CEF-P City of Mar:MN
11/02/2007	151	6142 City of Maricopa	MN	34100	74192	SPA	4339	1,002.04	FARE Special C City of Mar:MN
11/02/2007	151	6142 City of Maricopa	MN	34300	74192	SPA	4339	361.38	FARE Delinquen City of Mar:MN
11/02/2007	151	6142 City of Maricopa	MN	78100	603	DCA	4519	984.95	Prison Overcrowding Fund
11/02/2007	151	5333 Miami	MN	0	44040	SPA	4519	169.00	Judicial CEF- Miami:MN
11/02/2007	151	5333 Miami	MN	7852	7852	DEA	4511	50.00	Child Passenger Restrnt.
11/02/2007	151	5333 Miami	MN	55110	0	TRA	4511	889.17	CJEF -Penalty Miami:MN
11/02/2007	151	5333 Miami	MN	71540	88720	PSA	4519	45.44	DNA Penalty As Miami:MN
11/02/2007	151	5333 Miami	MN	55240	0	TRA	4511	245.92	Medical Srvcs Miami:MN

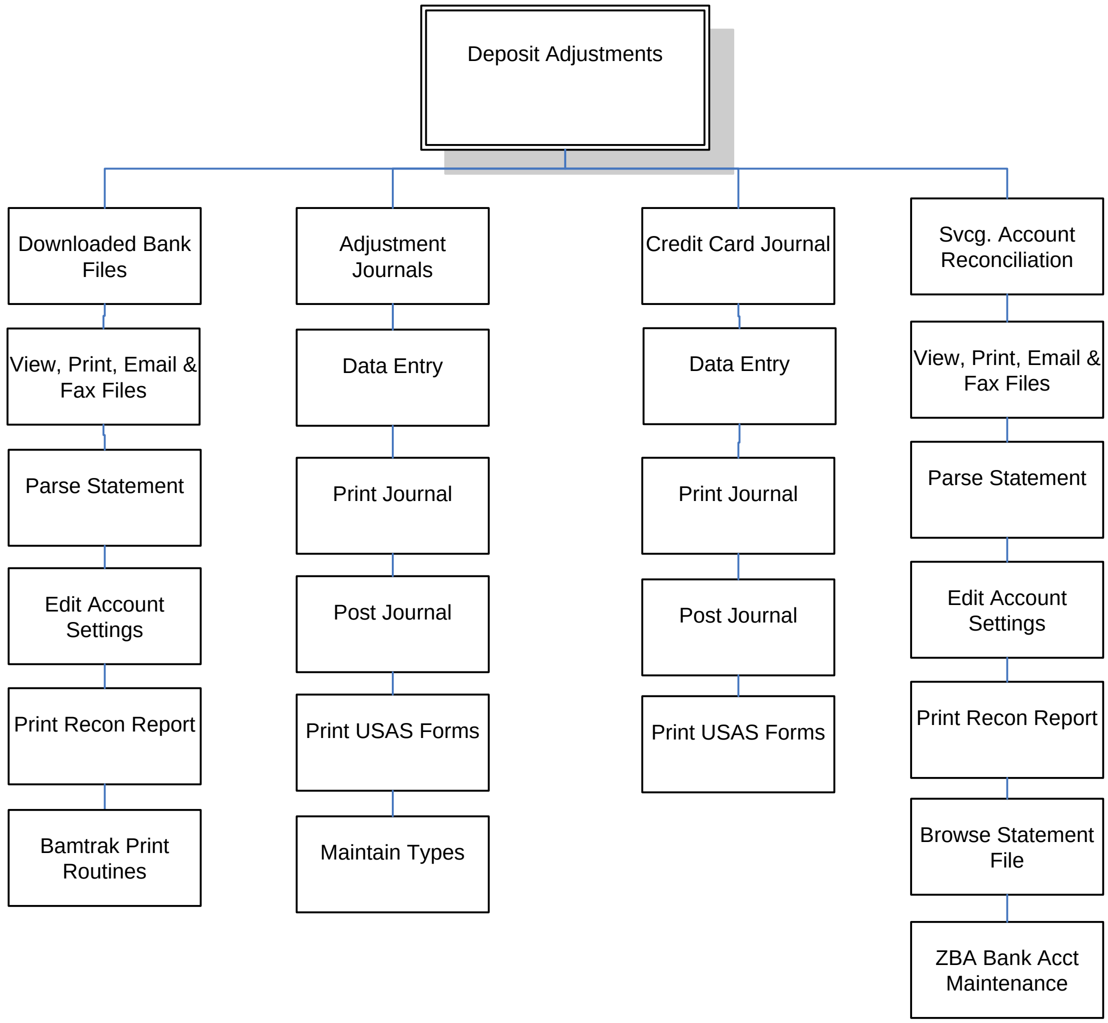
Used to run reports using different search fields, usually for research purposes.

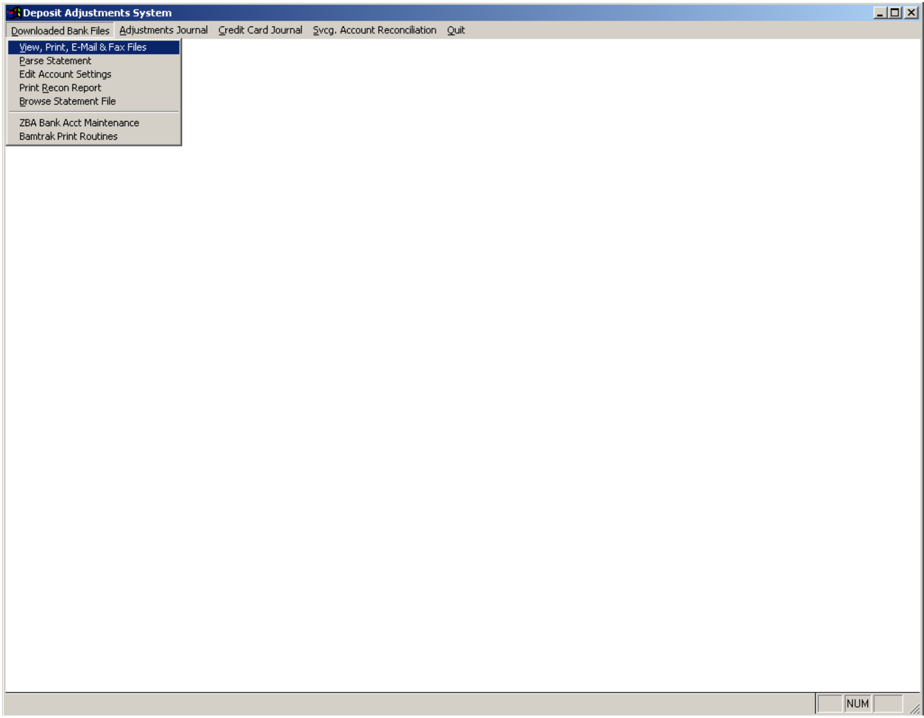


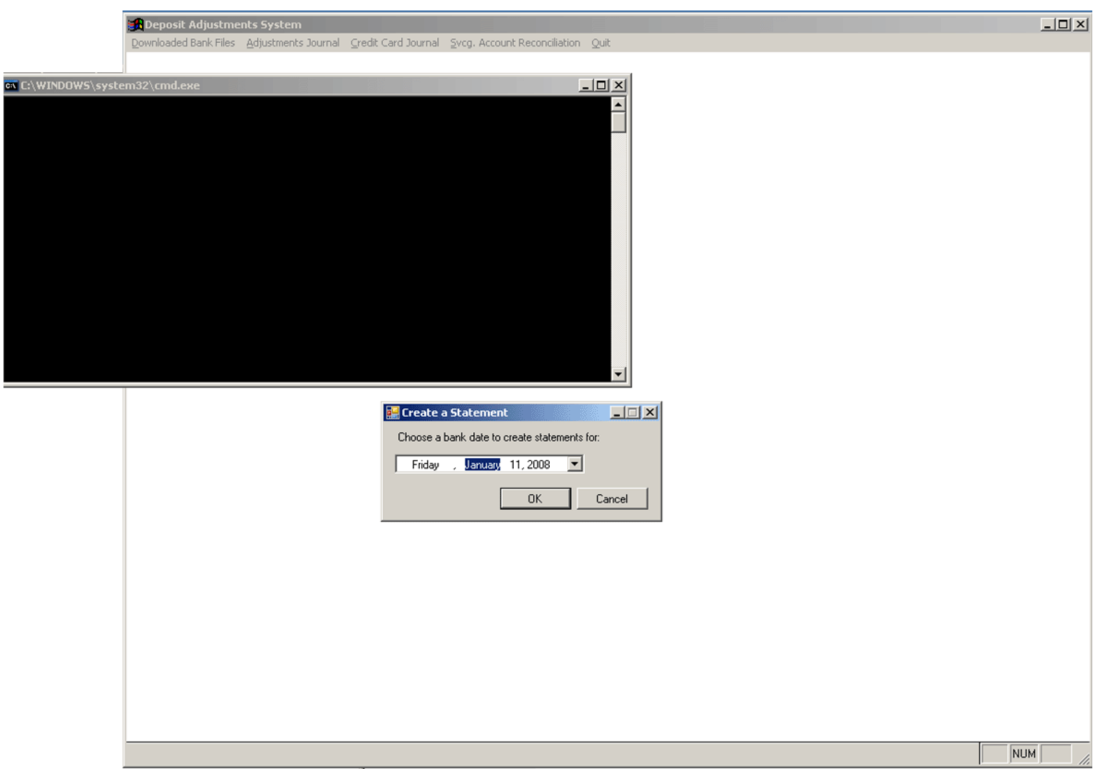
This screen allows for adjustments or transfers to be added to the spreadsheets/general reports. Comments are added that show up at the bottom of the report, the amount shows up in the adjustment line on the report for the appropriate fee.



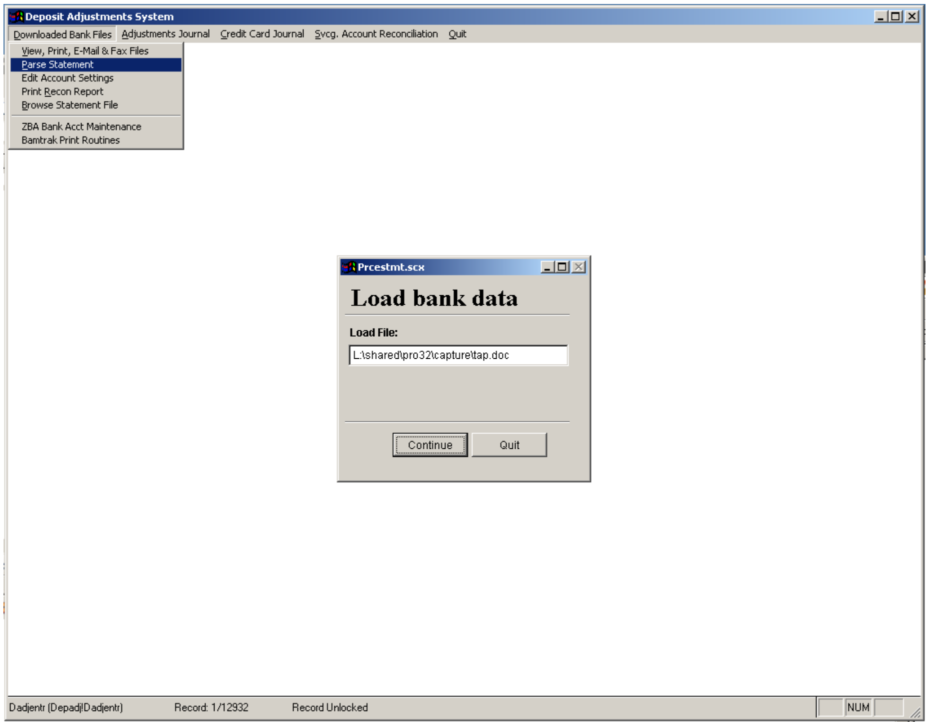
Used to delete a state agency deposit after it has been processed and validated.


Deposit Adjustments
Downloaded Bank Files
View, Print, Email & Fax Files
Parse Statement
Edit Account Settings
Print Recon Report
Bamtrak Print Routines
Adjustment Journals
Data Entry
Print Journal
Post Journal
Print USAS Forms
Maintain Types
Credit Card Journal
Data Entry
Print Journal
Post Journal
Print USAS Forms
Svcg. Account Reconciliation
View, Print, Email & Fax Files
Parse Statement
Edit Account Settings
Print Recon Report
Browse Statement File
ZBA Bank Acct Maintenance

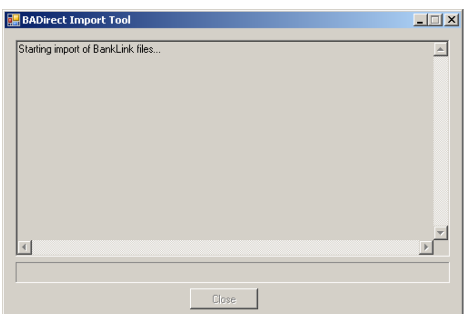




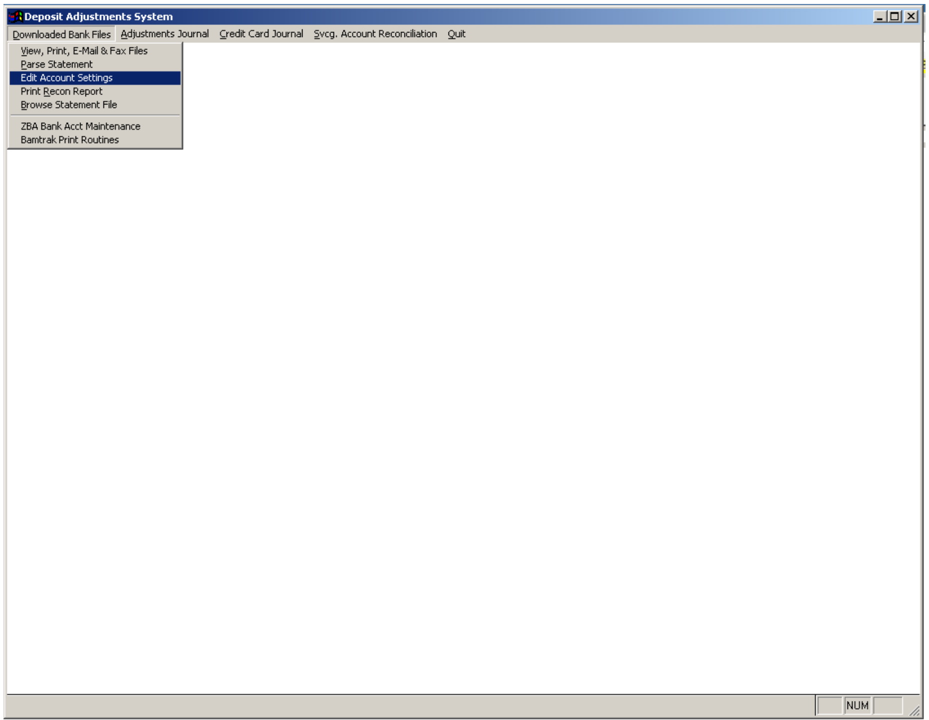
From the data load from the servicing bank; it allows us to view, print, email or fax banking statements.



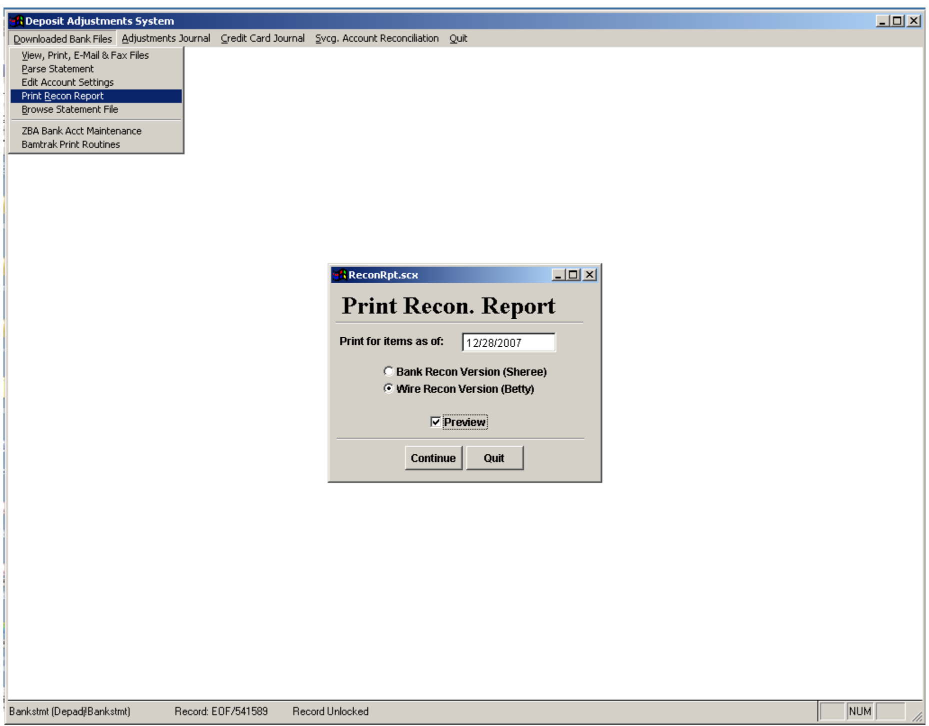
Loads data from servicing bank.



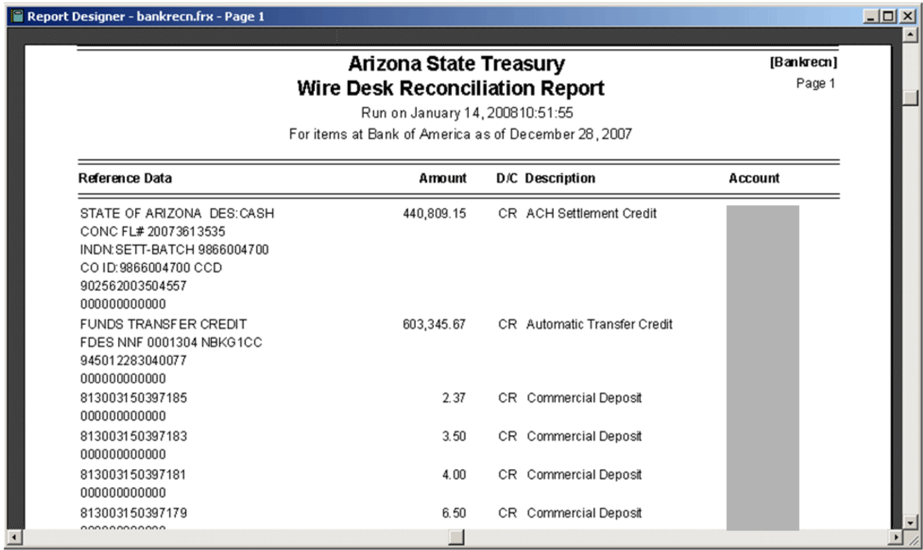
Performing parsing routine



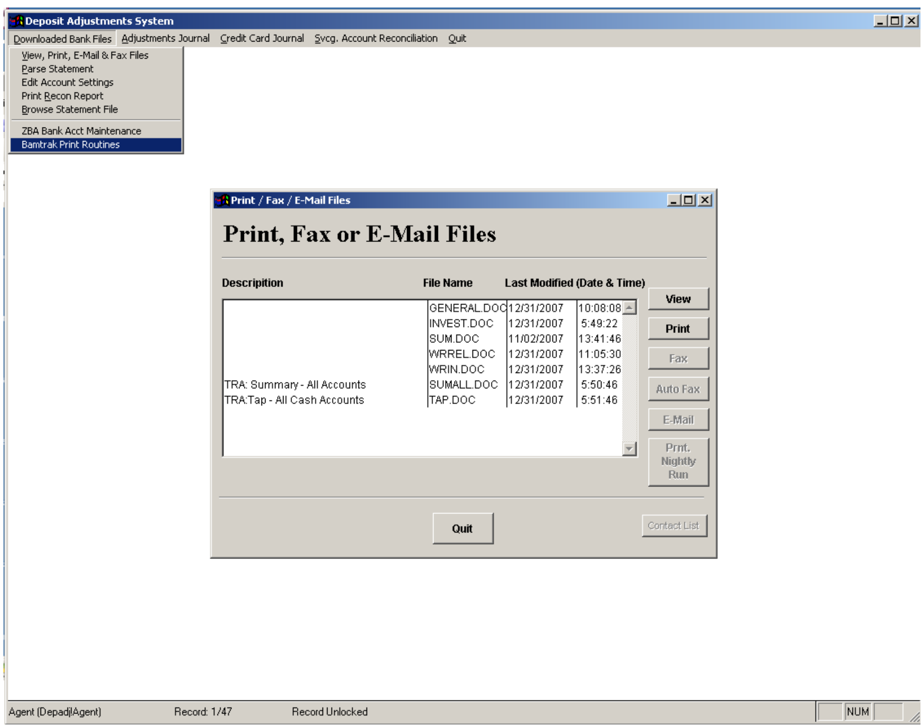
Gives us the ability to change individual bank account settings.



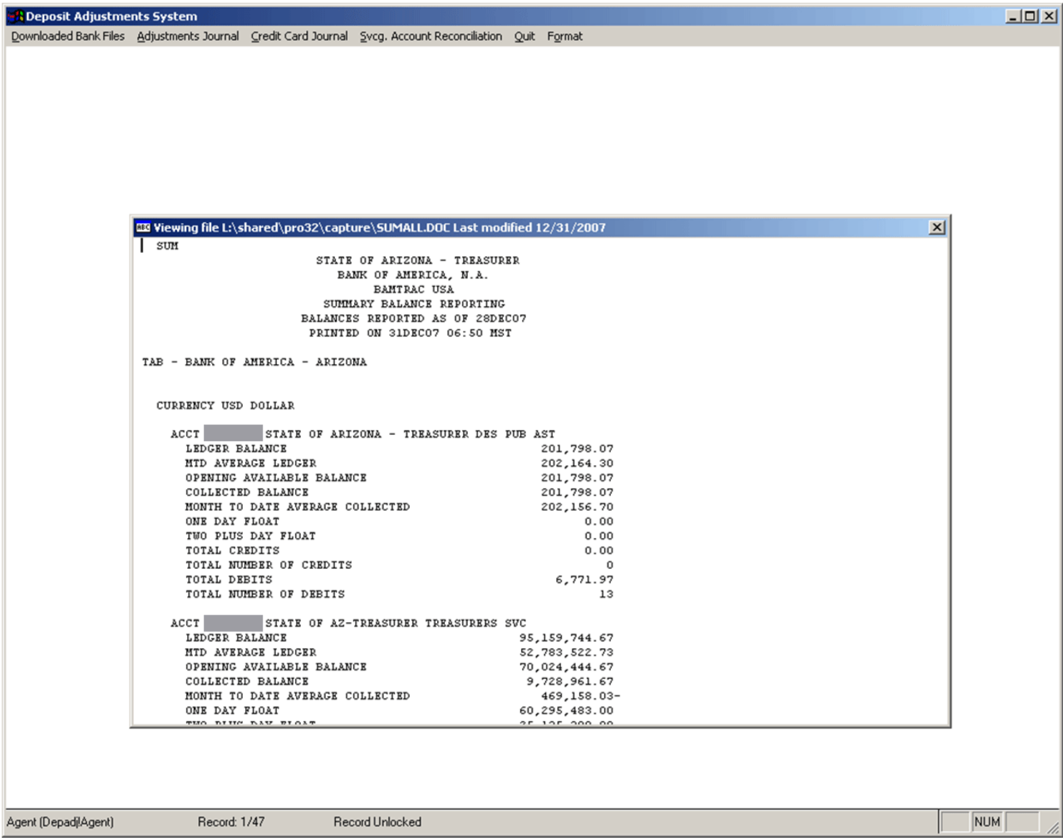
Allows us to print the daily bank activity.



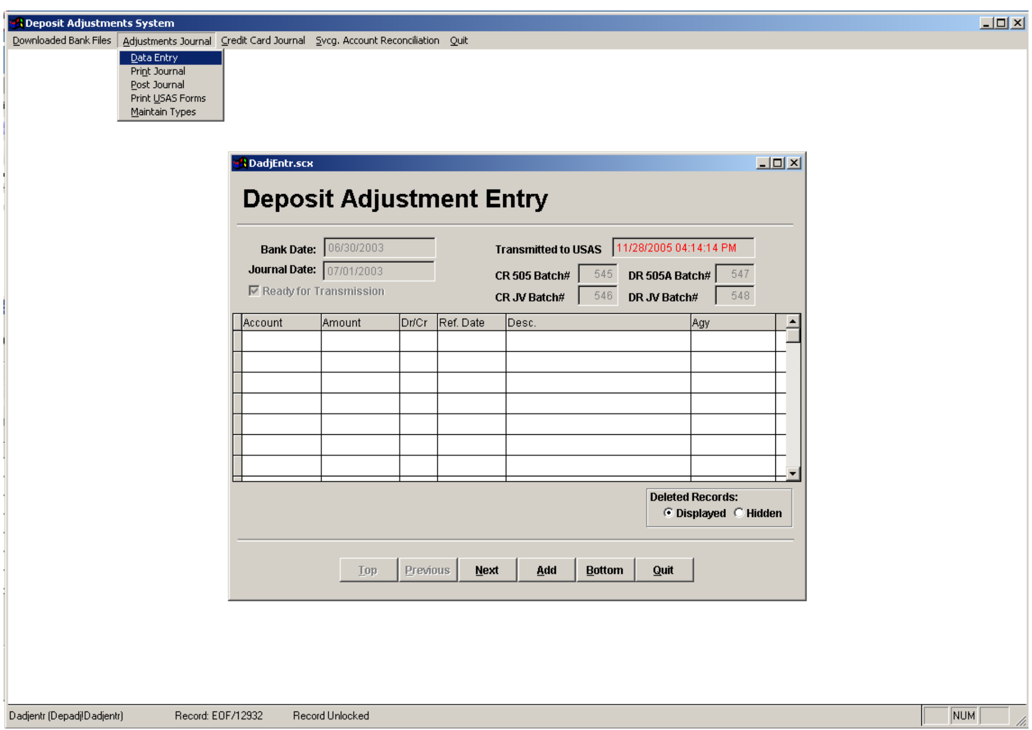
View any pages or screen prints being sent out.



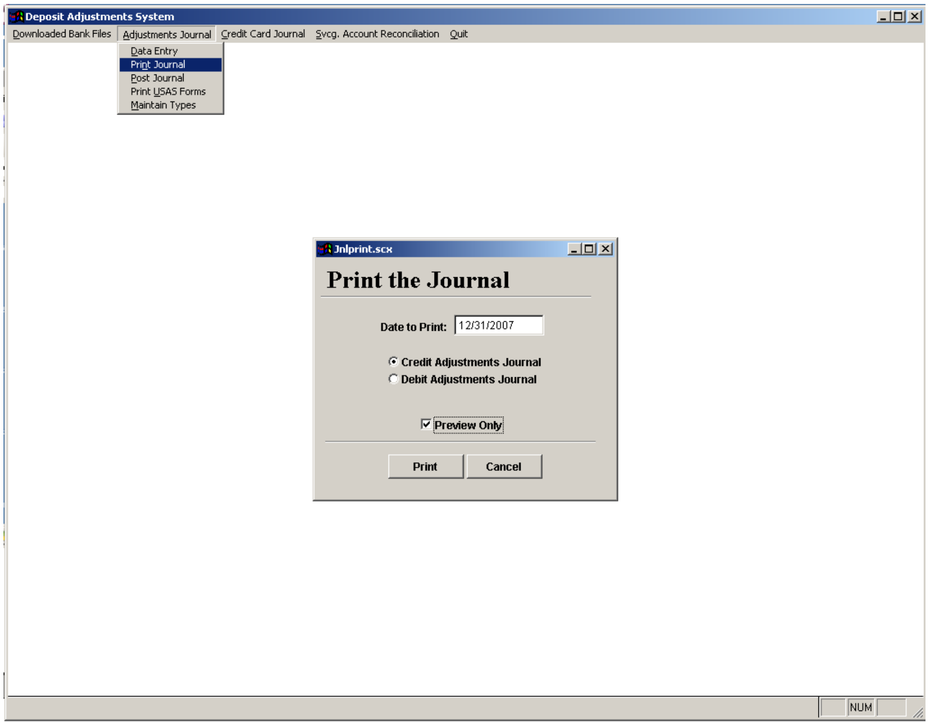
Provides bank statement information.



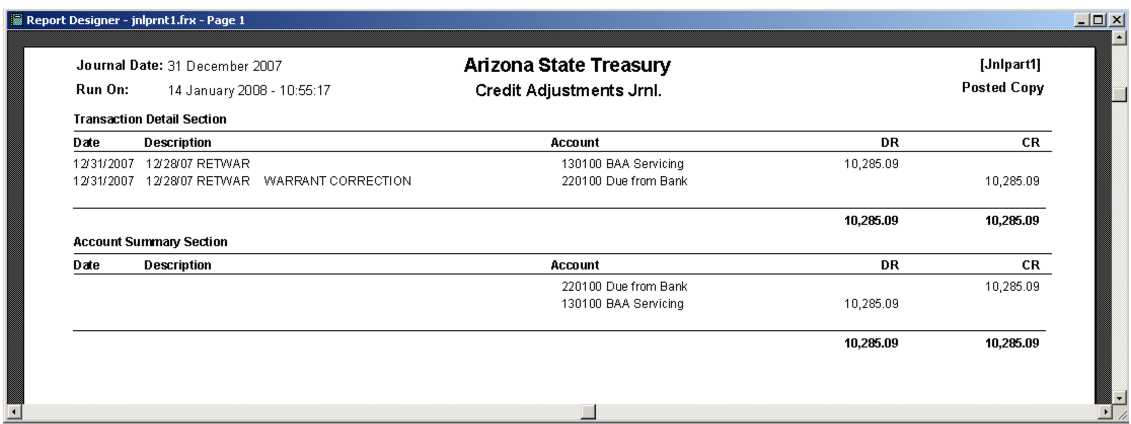
Printed version of one of the available reports.



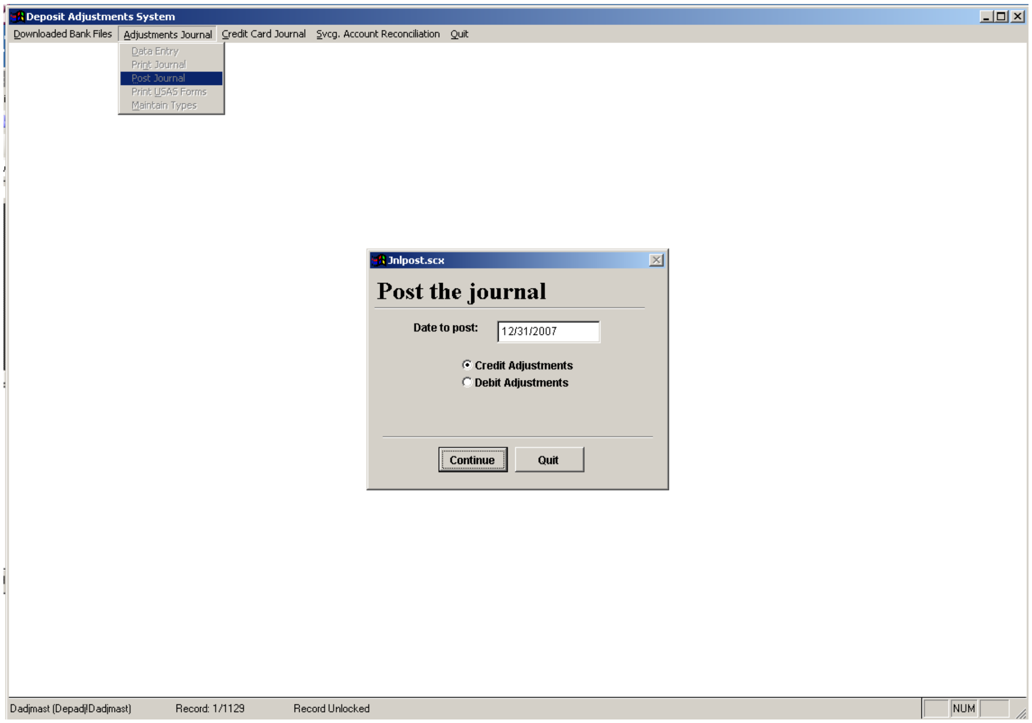
Manually enter the deposit adjustments received from the servicing bank on a daily basis.

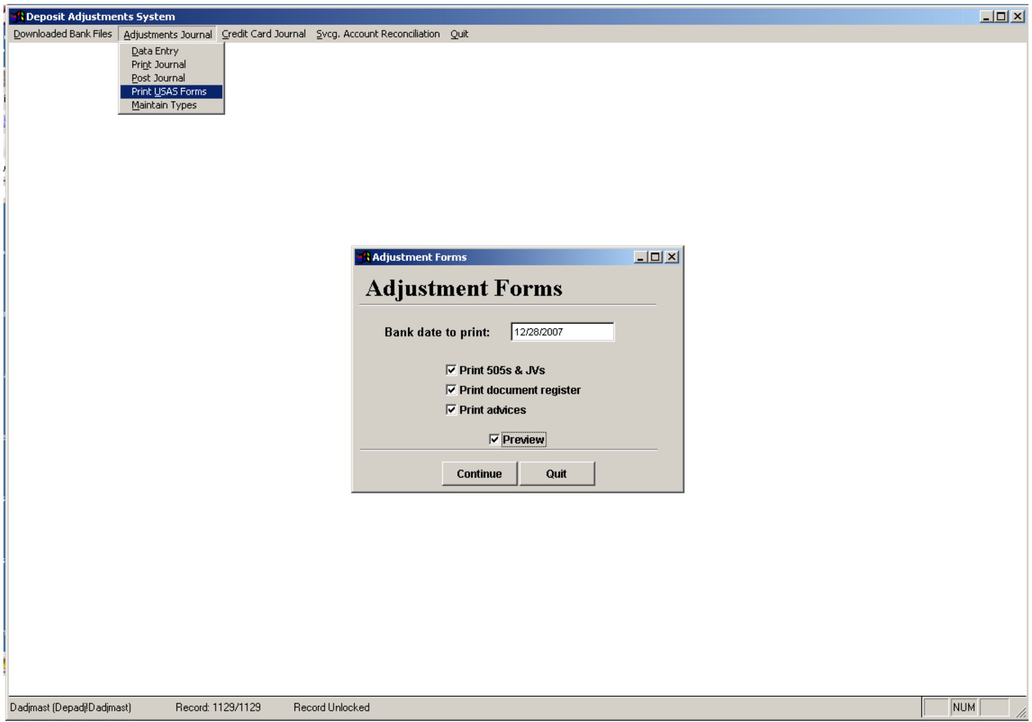


View the un-posted version of the deposit adjustments.

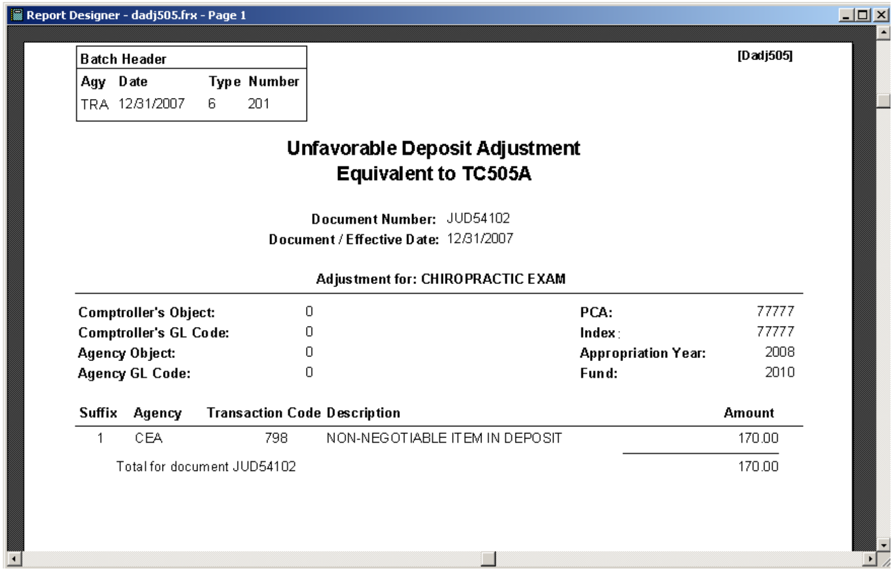


View the above.

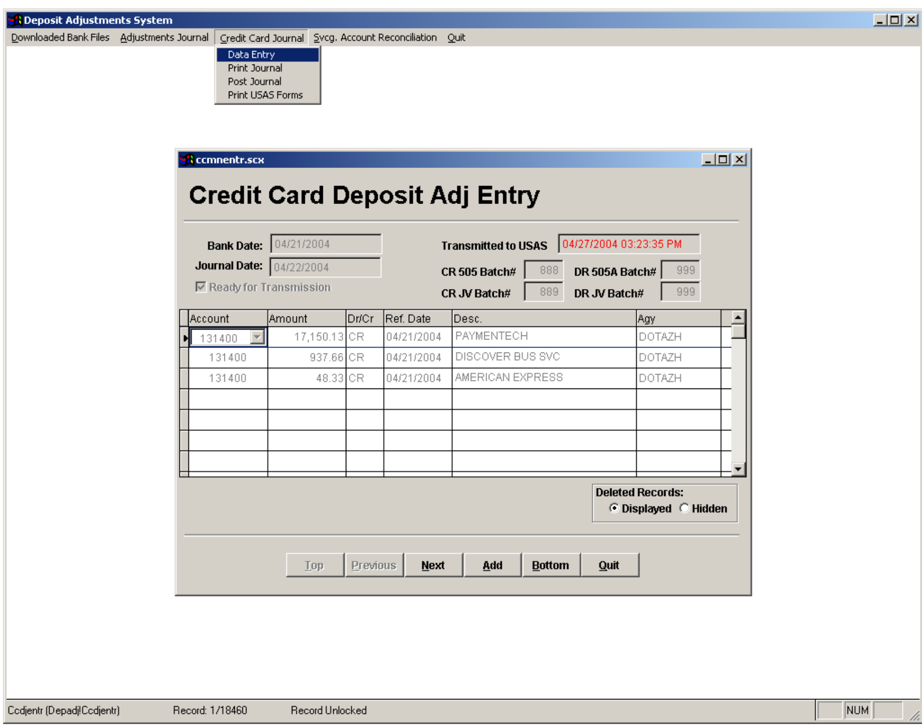




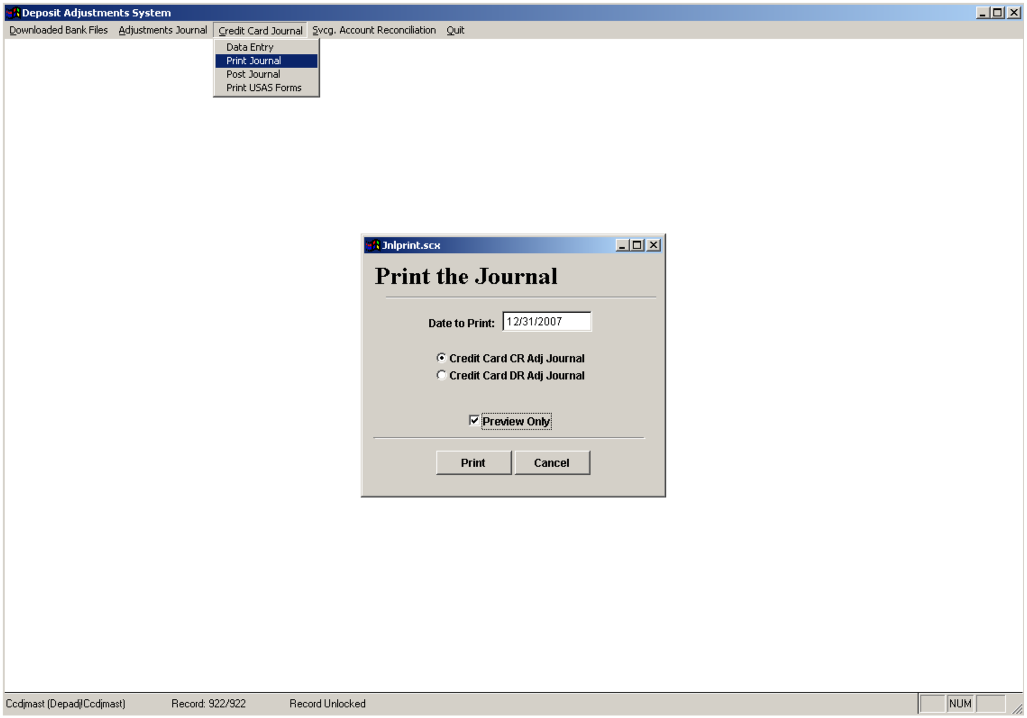
Print deposit adjustment documents.



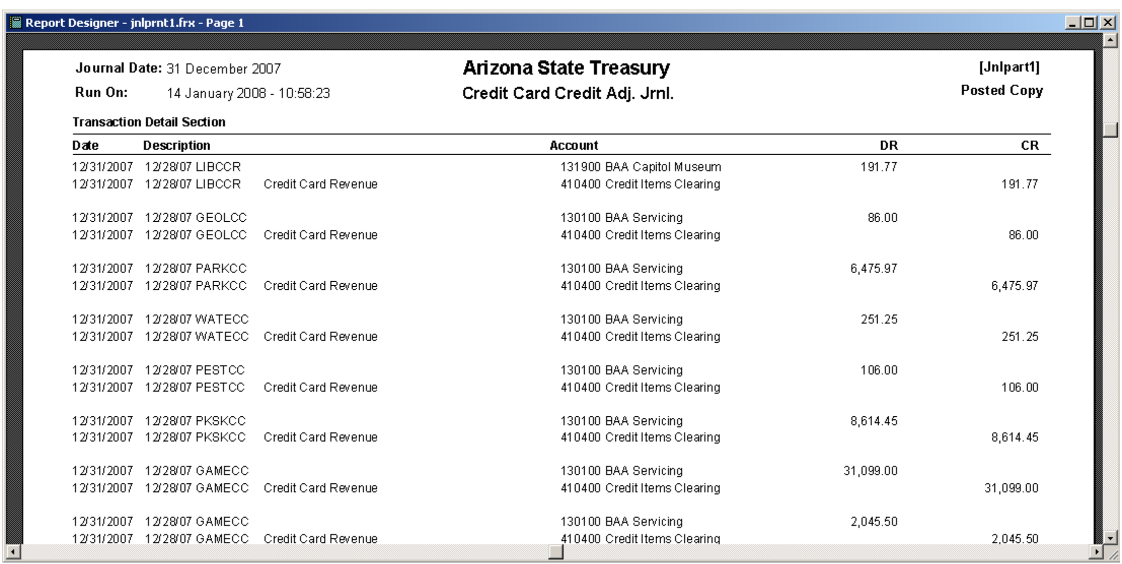
The printed deposit adjustment document. Documents are sent to the agency along with deposit backup from servicing bank.



Manually enter the credit card adjustments received from the servicing bank on a daily basis.



View the un-posted version of the credit card adjustments.


Report Designer - jnlprnt1.frx - Page 1

Journal Date: 31 December 2007
Run On: 14 January 2008 - 10:58:23

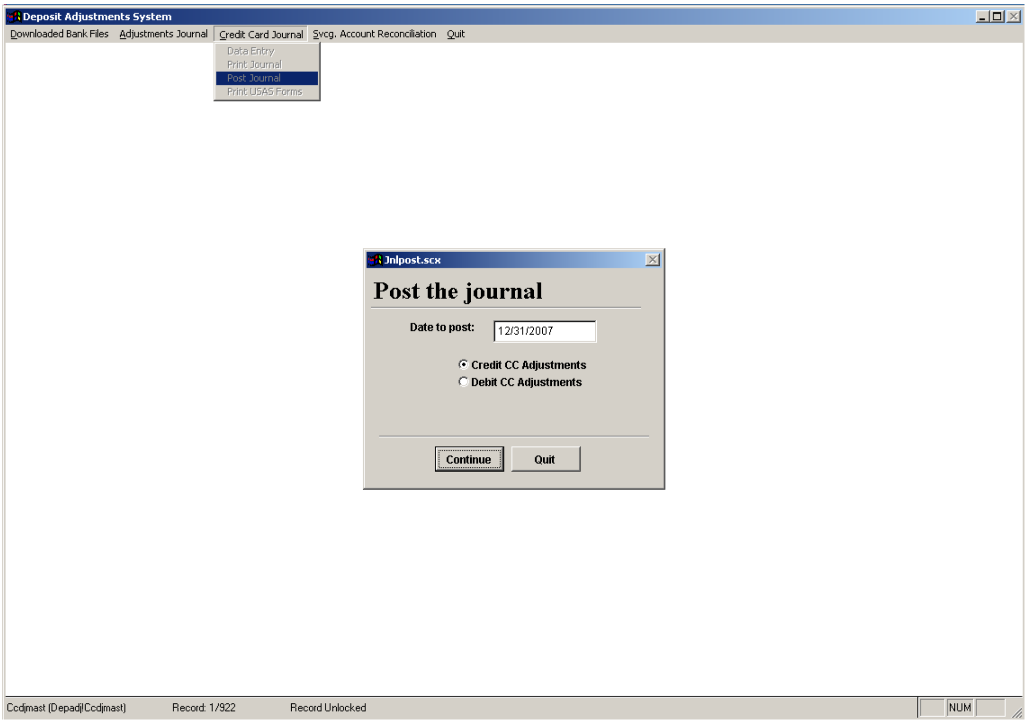
Arizona State Treasury
Credit Card Credit Adj. Jrnl.

[Jnlpart1]
Posted Copy

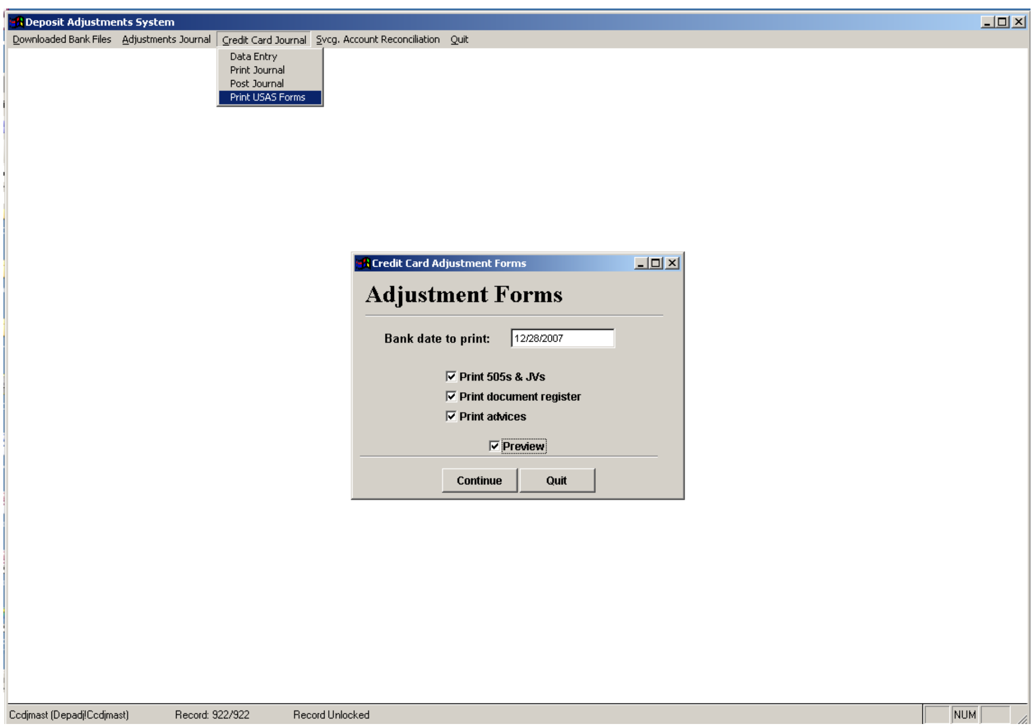
Transaction Detail Section

Date	Description		Account	DR	CR
12/31/2007	12/28/07 LIBCCR		131900 BAA Capitol Museum	191.77	
12/31/2007	12/28/07 LIBCCR	Credit Card Revenue	410400 Credit Items Clearing		191.77
12/31/2007	12/28/07 GEOLCC		130100 BAA Servicing	86.00	
12/31/2007	12/28/07 GEOLCC	Credit Card Revenue	410400 Credit Items Clearing		86.00
12/31/2007	12/28/07 PARKCC		130100 BAA Servicing	6,475.97	
12/31/2007	12/28/07 PARKCC	Credit Card Revenue	410400 Credit Items Clearing		6,475.97
12/31/2007	12/28/07 WATECC		130100 BAA Servicing	251.25	
12/31/2007	12/28/07 WATECC	Credit Card Revenue	410400 Credit Items Clearing		251.25
12/31/2007	12/28/07 PESTCC		130100 BAA Servicing	106.00	
12/31/2007	12/28/07 PESTCC	Credit Card Revenue	410400 Credit Items Clearing		106.00
12/31/2007	12/28/07 PKSKCC		130100 BAA Servicing	8,614.45	
12/31/2007	12/28/07 PKSKCC	Credit Card Revenue	410400 Credit Items Clearing		8,614.45
12/31/2007	12/28/07 GAMECC		130100 BAA Servicing	31,099.00	
12/31/2007	12/28/07 GAMECC	Credit Card Revenue	410400 Credit Items Clearing		31,099.00
12/31/2007	12/28/07 GAMECC		130100 BAA Servicing	2,045.50	
12/31/2007	12/28/07 GAMECC	Credit Card Revenue	410400 Credit Items Clearing		2,045.50

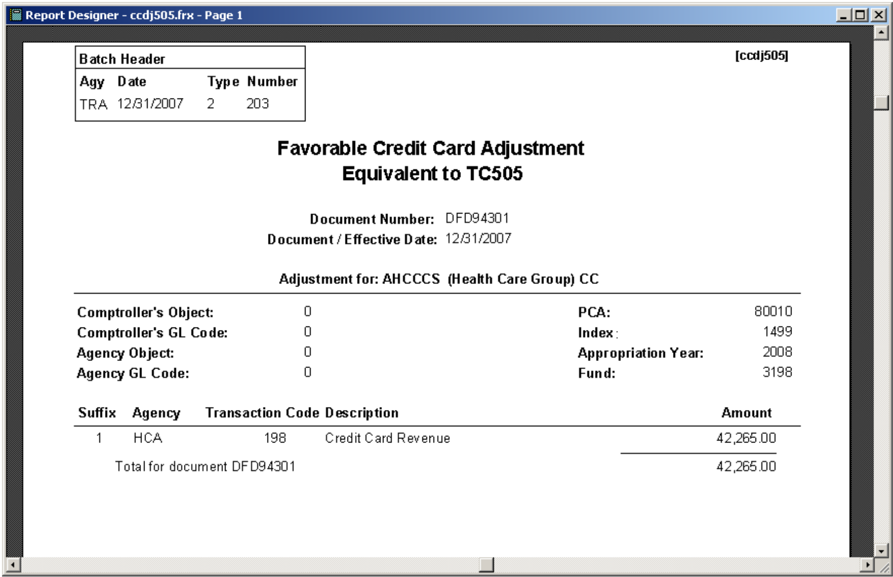
View the above.



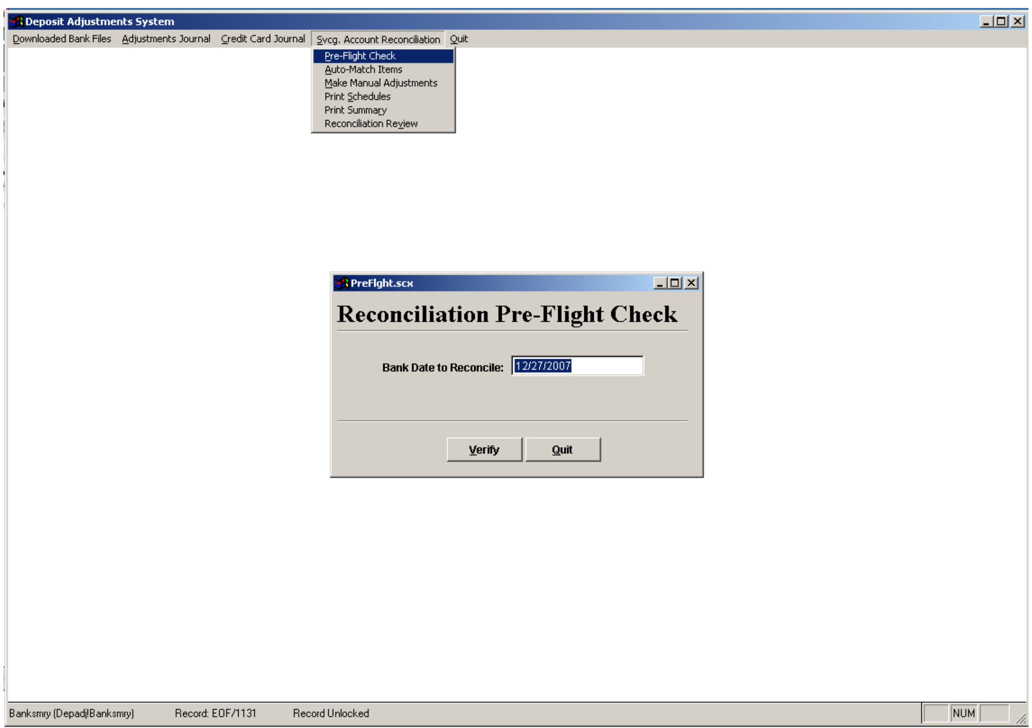
Post the journal.



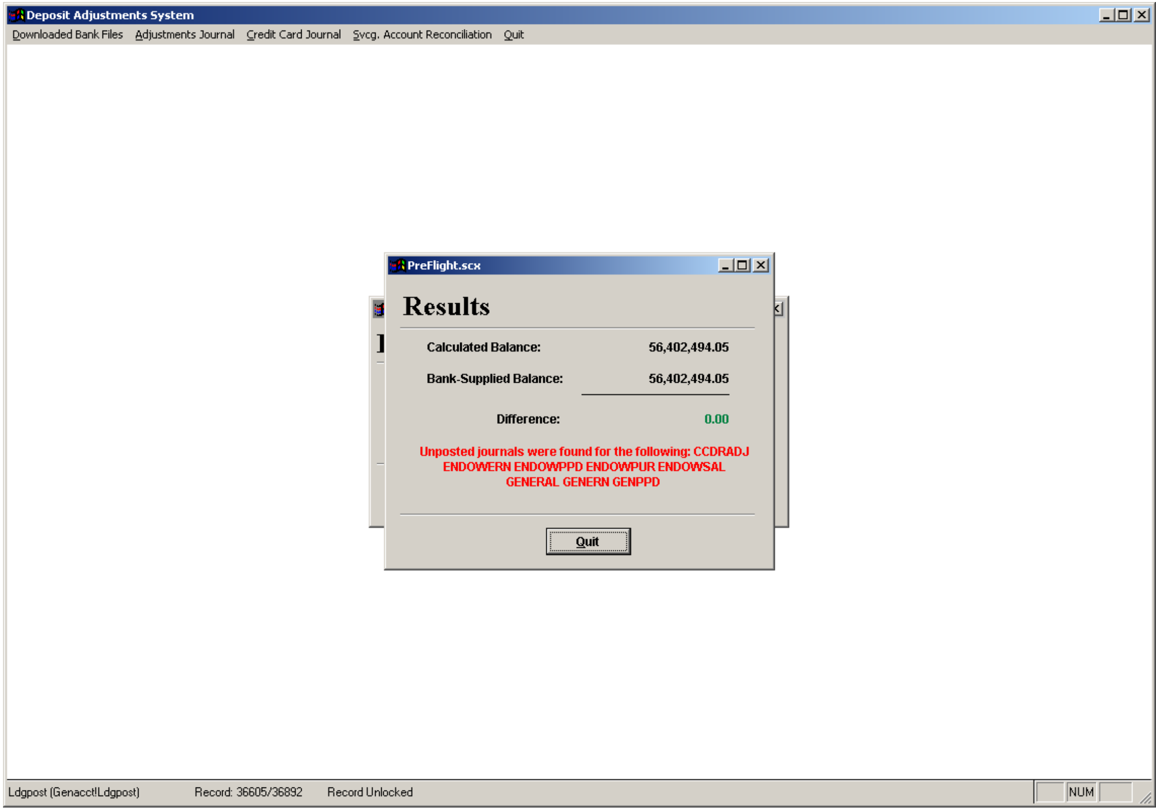
Print credit card adjustment documents.



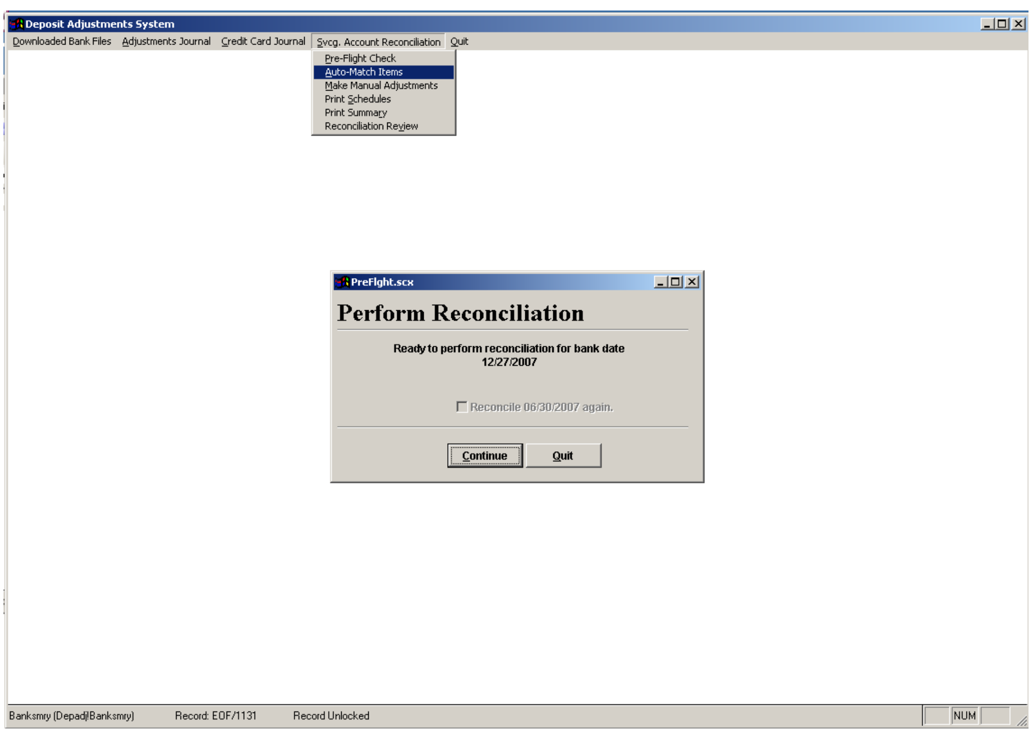
The printed deposit adjustment document. Documents are sent to the agency along with deposit backup from servicing bank.



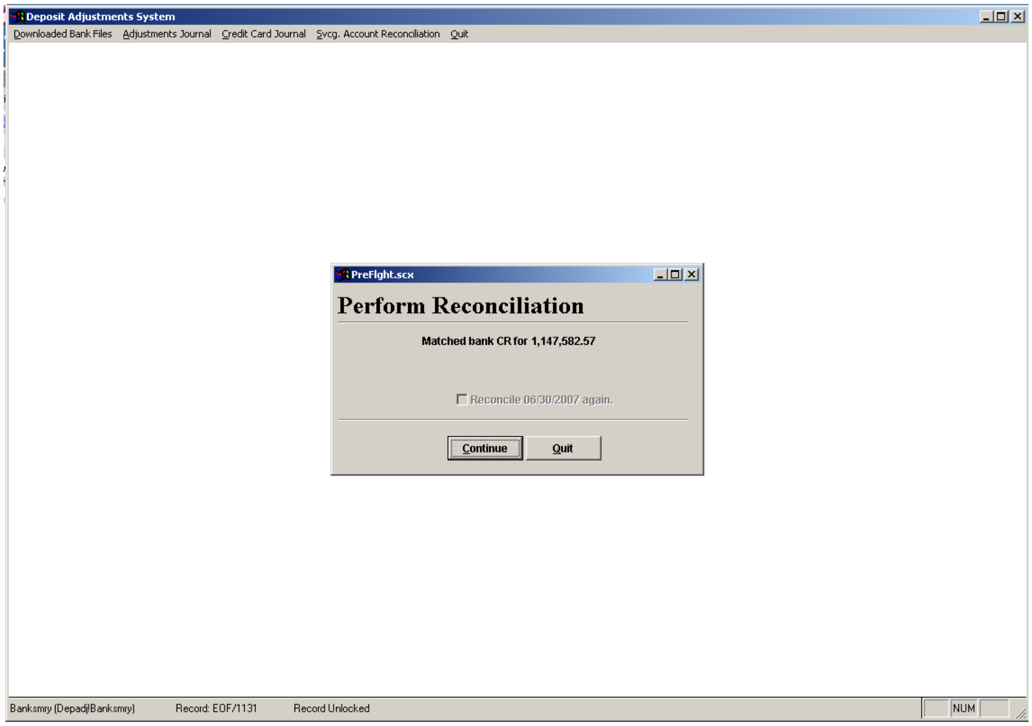
Compares previous day Treasurer's Office balance to data load from servicing bank, debits and credits and then compares ending balance to ensure that we received all banking data during the download.



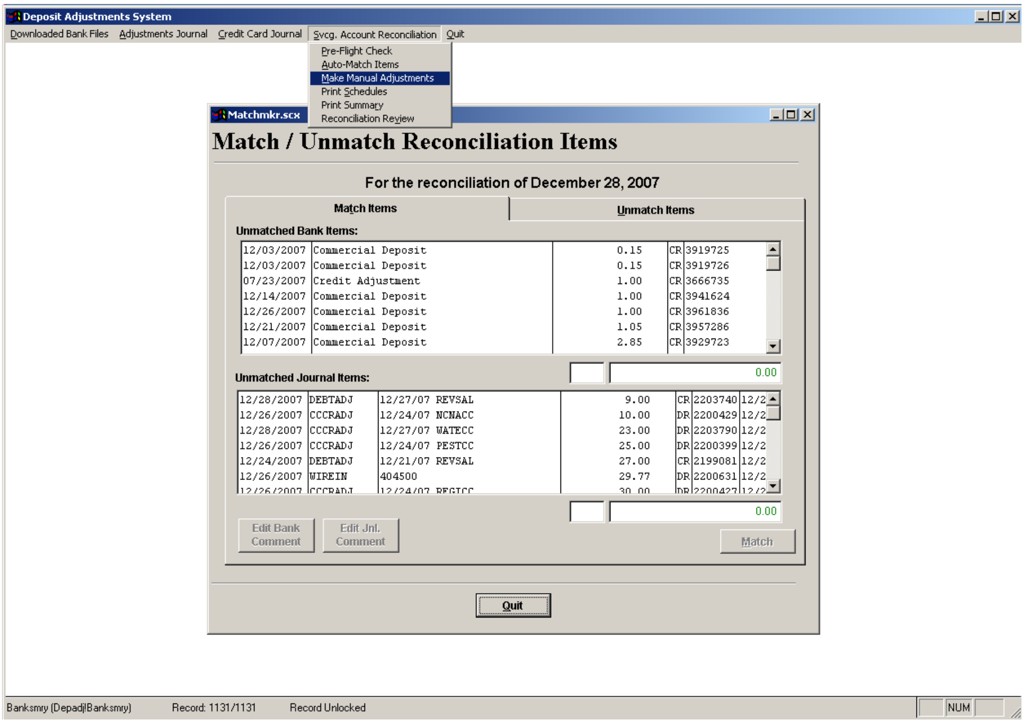
View function from above.



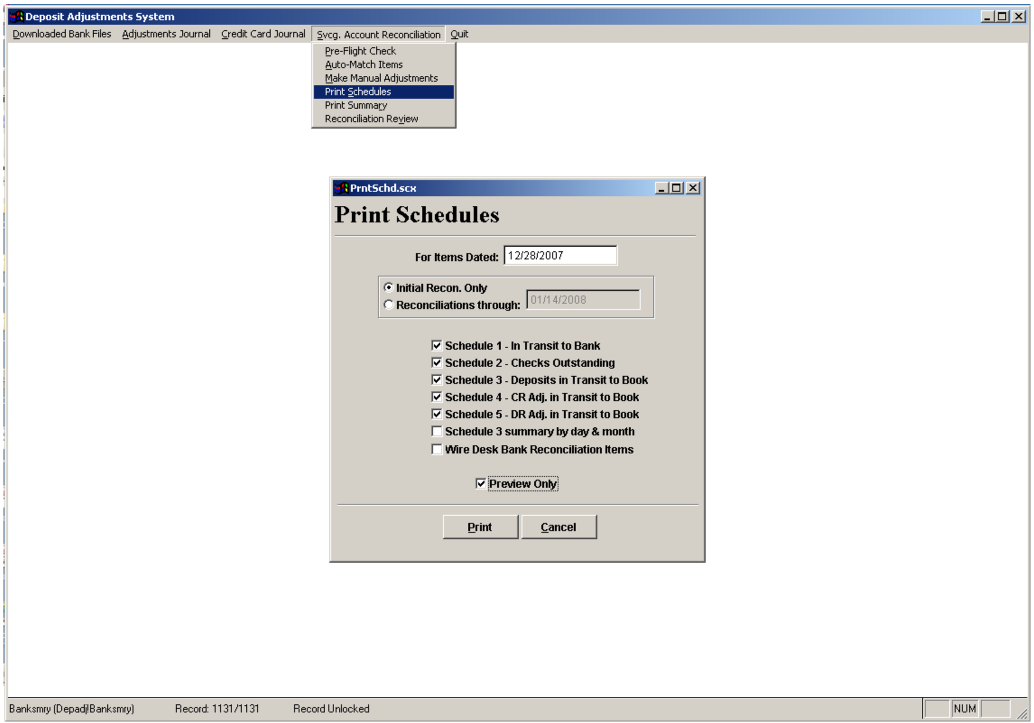
Loads servicing bank data into the reconciliation program.



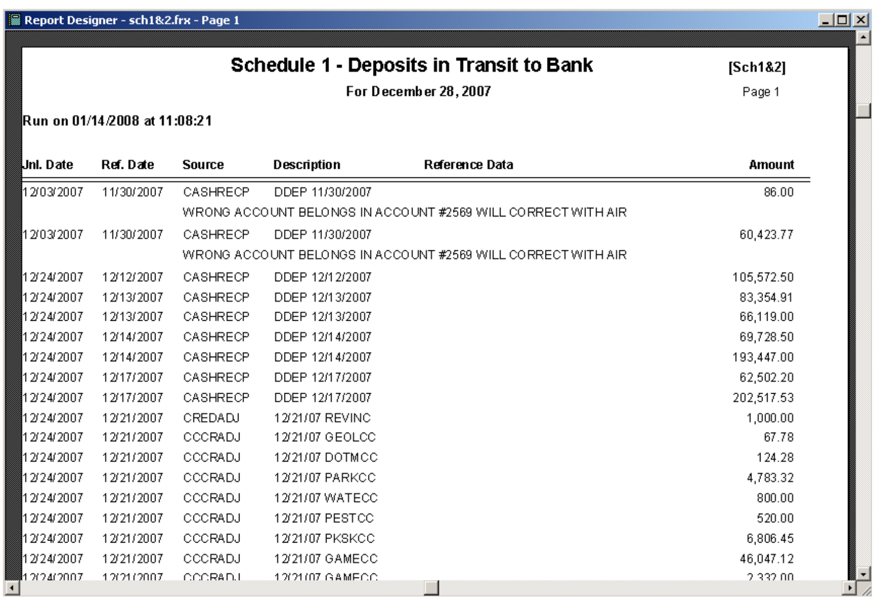
Reconciles as many items that the system parameters allow.



Manually reconcile banking entries to the corresponding journal entries.



Print daily banking schedules



Report Designer - sch1&2.frx - Page 1

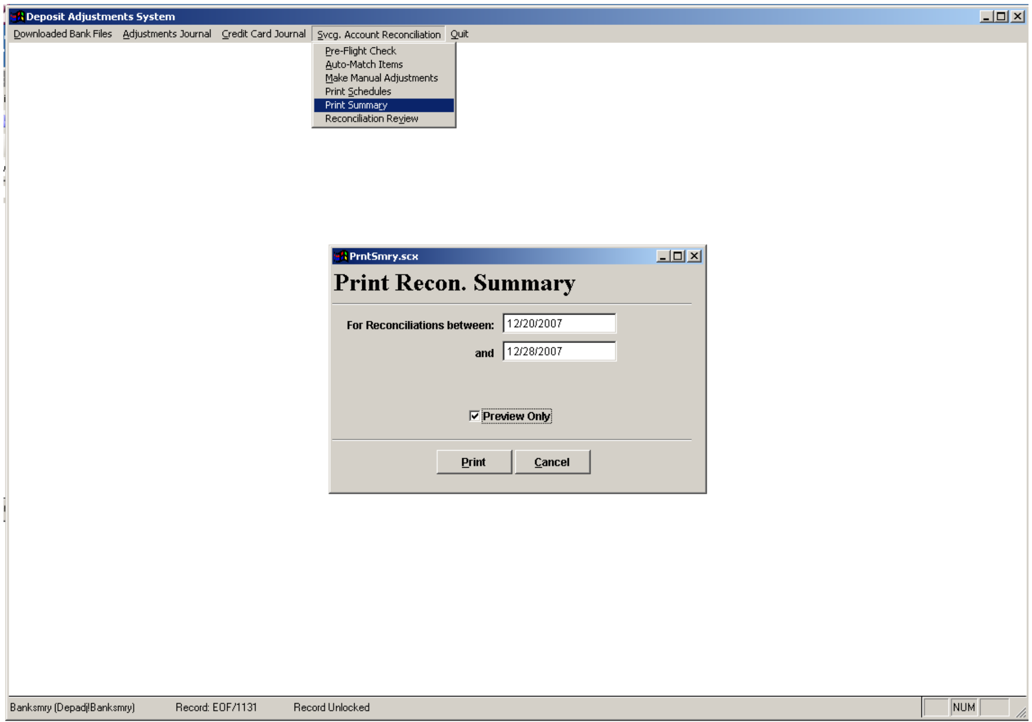
Schedule 1 - Deposits in Transit to Bank [Sch1&2]

For December 28, 2007 Page 1

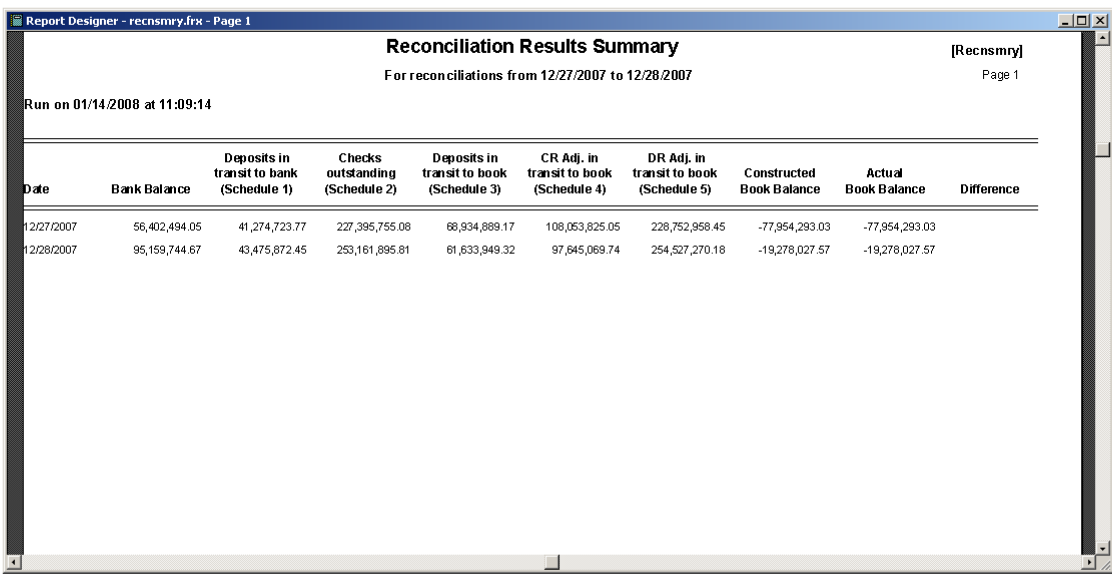
Run on 01/14/2008 at 11:08:21

Jnl. Date	Ref. Date	Source	Description	Reference Data	Amount
12/03/2007	11/30/2007	CASHRECP	DDEP 11/30/2007		86.00
		WRONG ACCOUNT BELONGS IN ACCOUNT #2569 WILL CORRECT WITH AIR			
12/03/2007	11/30/2007	CASHRECP	DDEP 11/30/2007		60,423.77
		WRONG ACCOUNT BELONGS IN ACCOUNT #2569 WILL CORRECT WITH AIR			
12/24/2007	12/12/2007	CASHRECP	DDEP 12/12/2007		105,572.50
12/24/2007	12/13/2007	CASHRECP	DDEP 12/13/2007		83,354.91
12/24/2007	12/13/2007	CASHRECP	DDEP 12/13/2007		66,119.00
12/24/2007	12/14/2007	CASHRECP	DDEP 12/14/2007		69,728.50
12/24/2007	12/14/2007	CASHRECP	DDEP 12/14/2007		193,447.00
12/24/2007	12/17/2007	CASHRECP	DDEP 12/17/2007		62,502.20
12/24/2007	12/17/2007	CASHRECP	DDEP 12/17/2007		202,517.53
12/24/2007	12/21/2007	CREDADJ	12/21/07 REVINC		1,000.00
12/24/2007	12/21/2007	CCCRADJ	12/21/07 GEOLCC		67.78
12/24/2007	12/21/2007	CCCRADJ	12/21/07 DOTMCC		124.28
12/24/2007	12/21/2007	CCCRADJ	12/21/07 PARKCC		4,783.32
12/24/2007	12/21/2007	CCCRADJ	12/21/07 WATECC		800.00
12/24/2007	12/21/2007	CCCRADJ	12/21/07 PESTCC		520.00
12/24/2007	12/21/2007	CCCRADJ	12/21/07 PKSKCC		6,806.45
12/24/2007	12/21/2007	CCCRADJ	12/21/07 GAMECC		46,047.12
12/24/2007	12/21/2007	CCCRADJ	12/21/07 GAMECC		2,332.00

Printed version of above.



Print the recap of the schedules.



Reconciliation Results Summary

[Recnsmry]

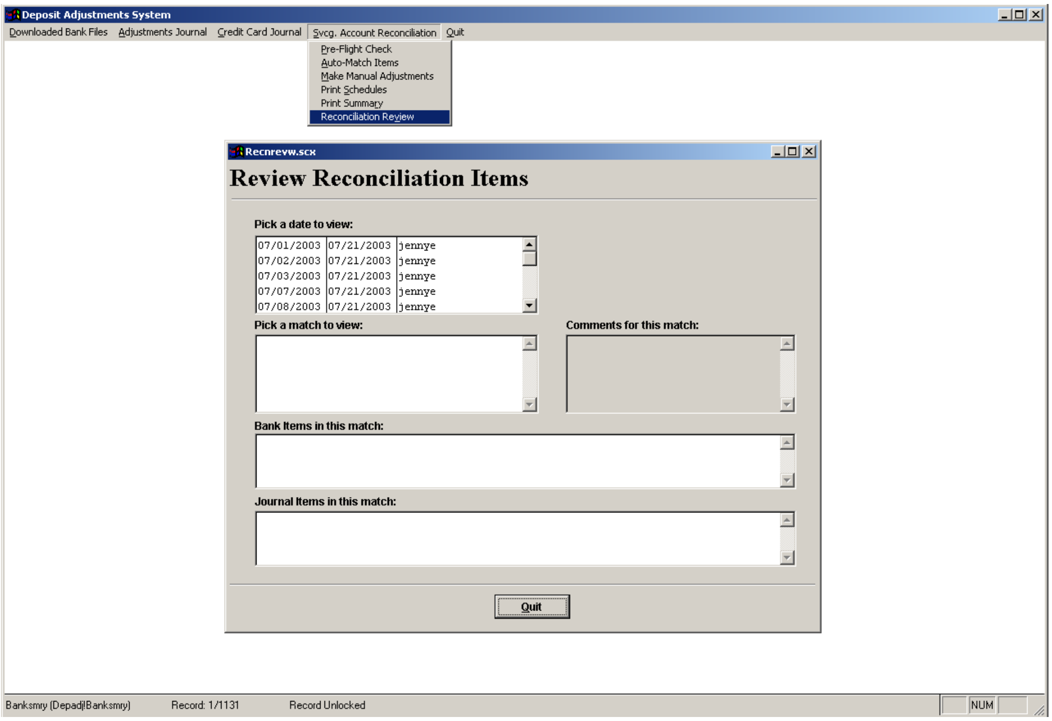
For reconciliations from 12/27/2007 to 12/28/2007

Page 1

Run on 01/14/2008 at 11:09:14

Date	Bank Balance	Deposits in transit to bank (Schedule 1)	Checks outstanding (Schedule 2)	Deposits in transit to book (Schedule 3)	CR Adj. in transit to book (Schedule 4)	DR Adj. in transit to book (Schedule 5)	Constructed Book Balance	Actual Book Balance	Difference
12/27/2007	56,402,494.05	41,274,723.77	227,395,755.08	68,934,889.17	108,053,825.05	228,752,958.45	-77,954,293.03	-77,954,293.03	
12/28/2007	95,159,744.67	43,475,872.45	253,161,895.81	61,633,949.32	97,645,069.74	254,527,270.18	-19,278,027.57	-19,278,027.57	

Printed version of above.



View by day; the servicing bank reconciliations.

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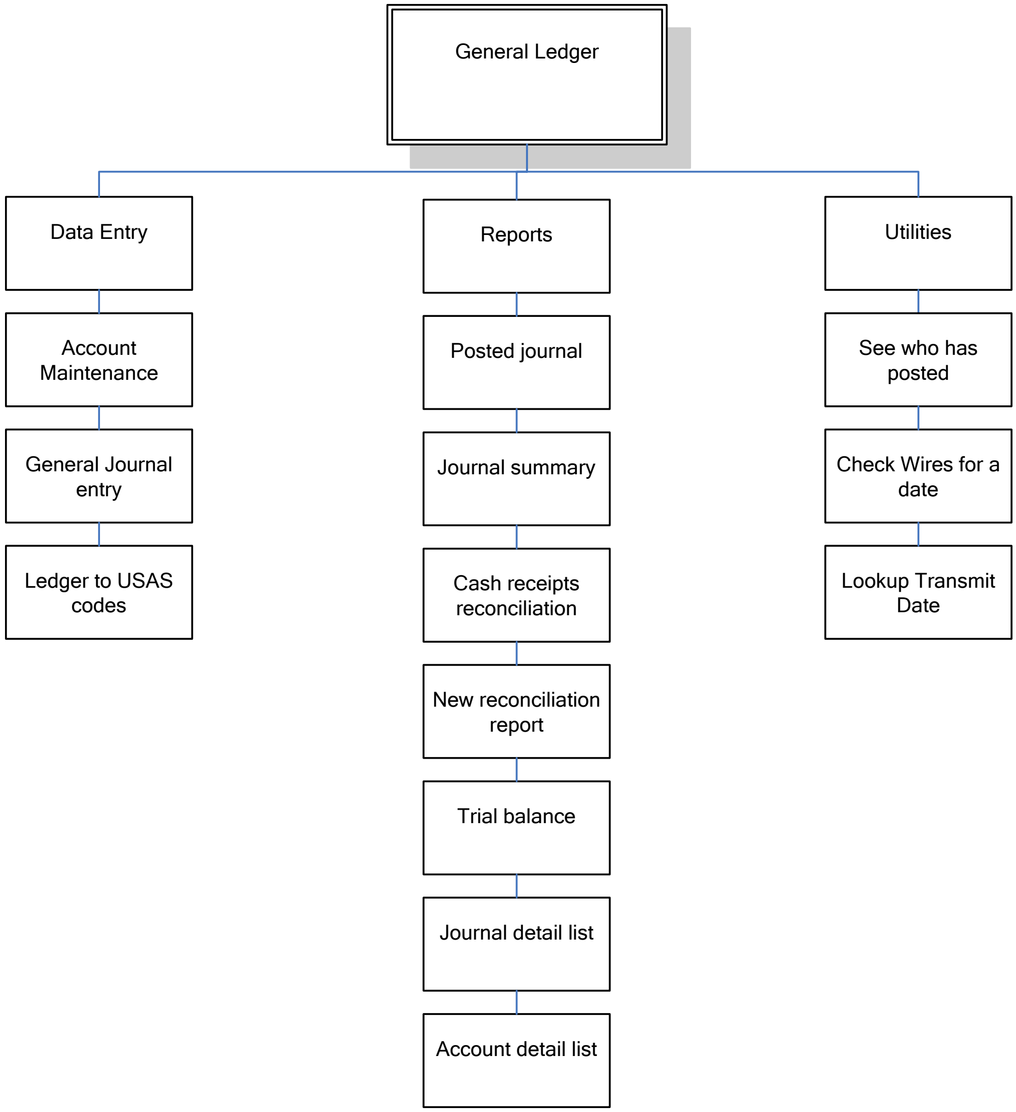
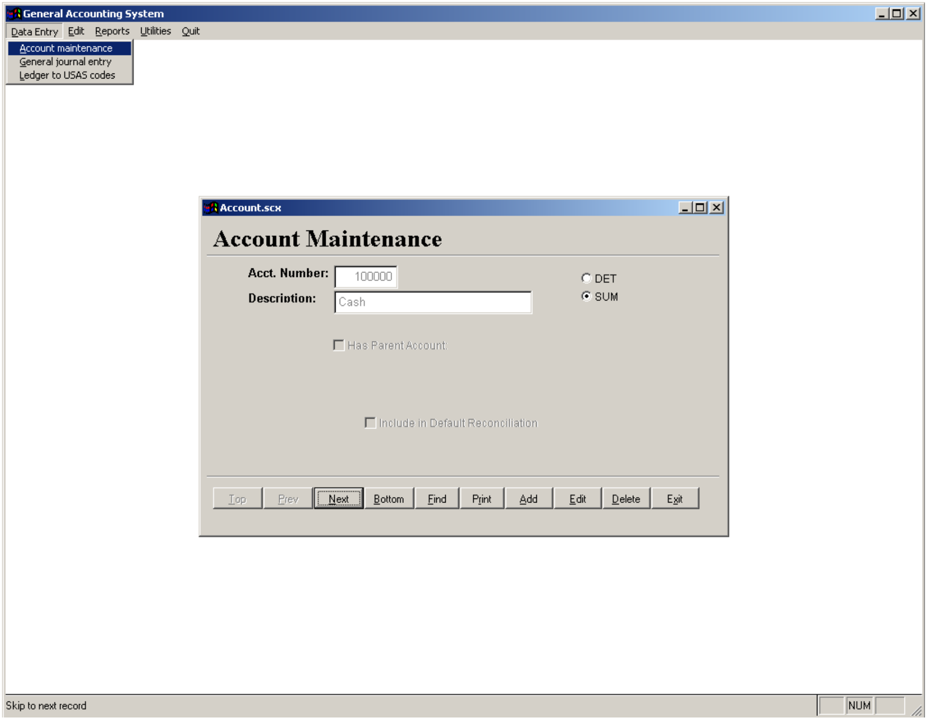
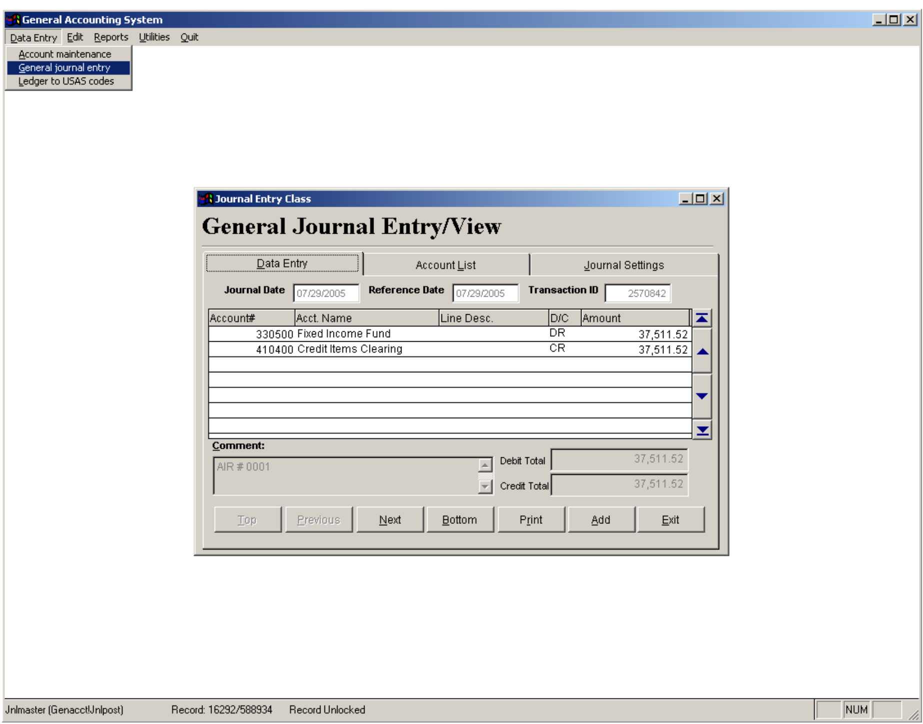
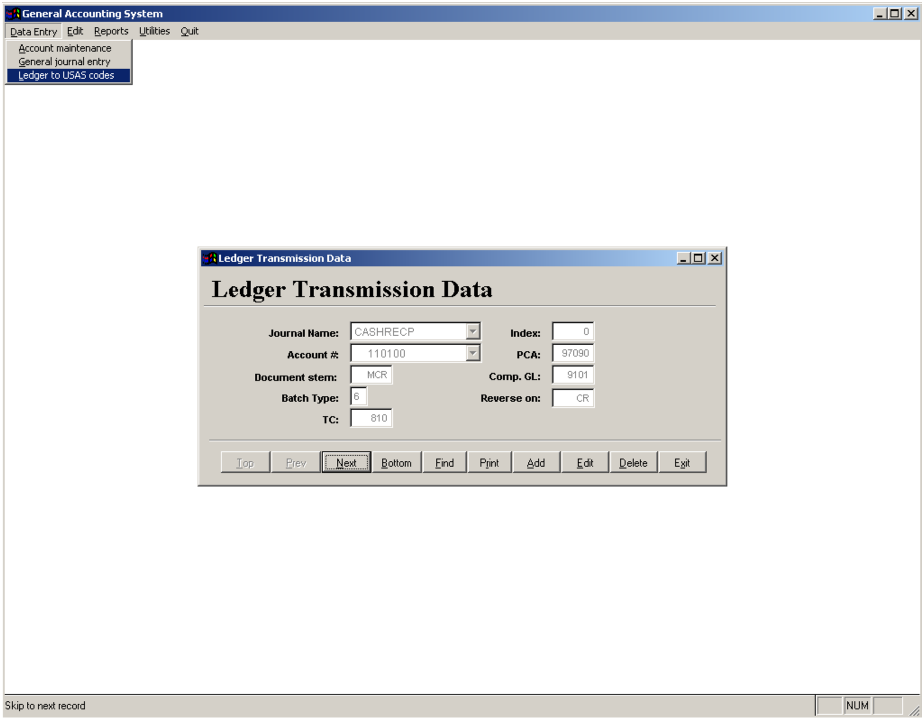




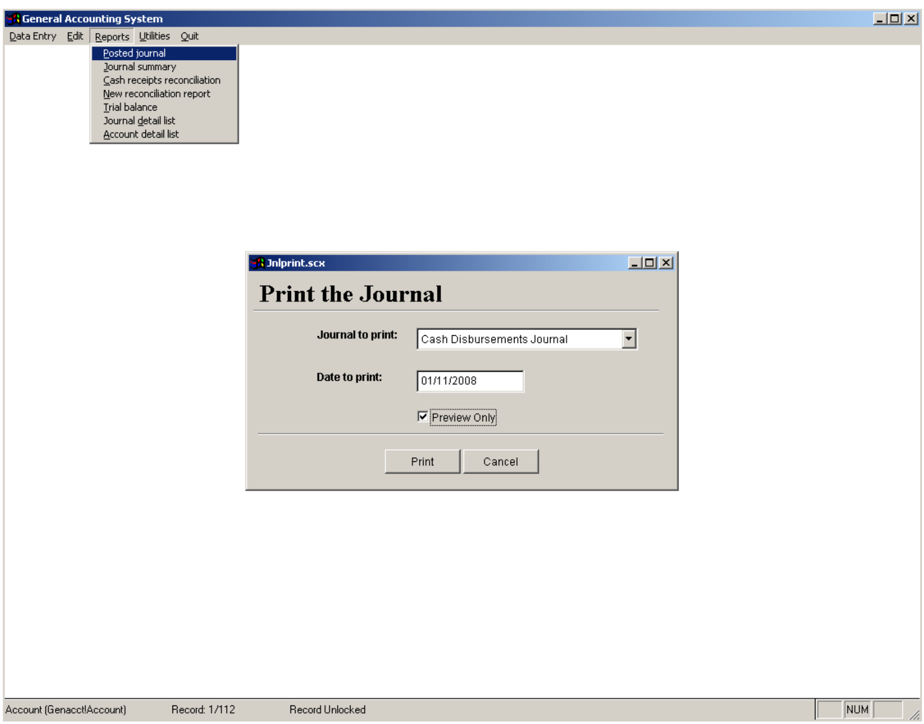
Create, edit or delete accounts in the chart of accounts.



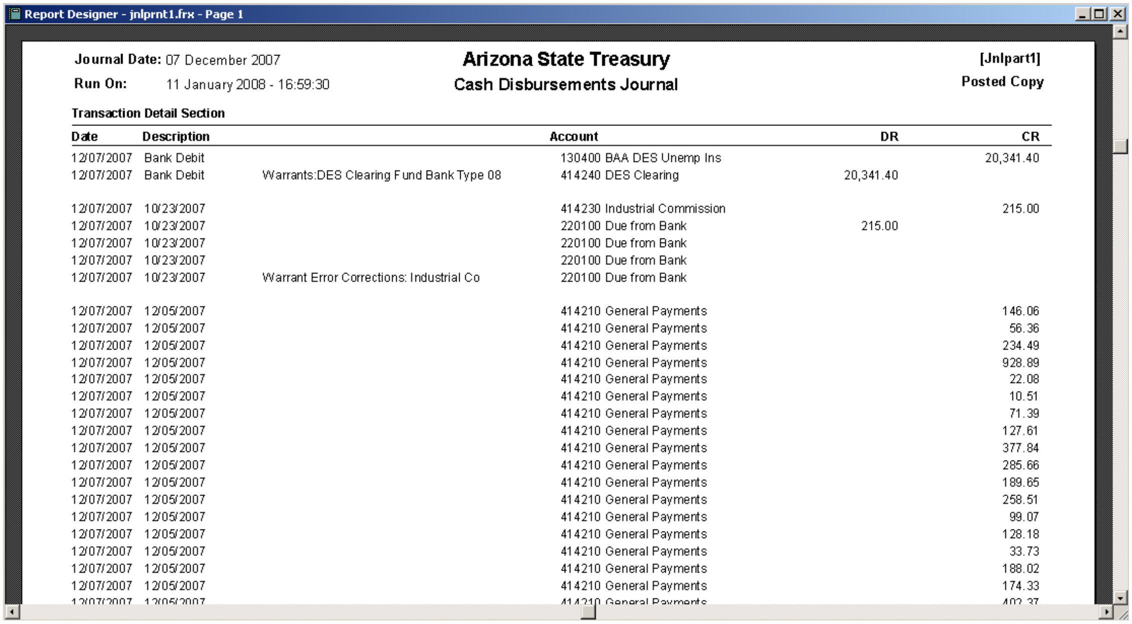
Create a general journal entry.



Converts general ledger accounts to USAS account and batch profile.



View and print posted journals to the general ledger.



Report Designer - jnlprnt1.frx - Page 1

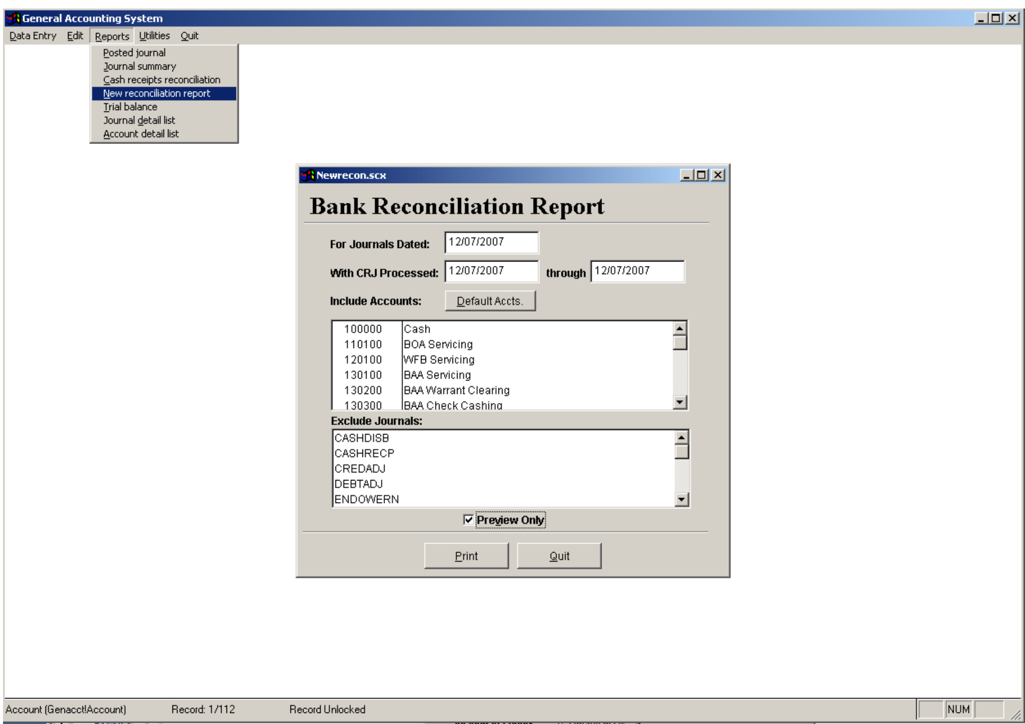
Journal Date: 07 December 2007 — Arizona State Treasury — [Jnlpart1]

Run On: 11 January 2008 - 16:59:30 — Cash Disbursements Journal — Posted Copy

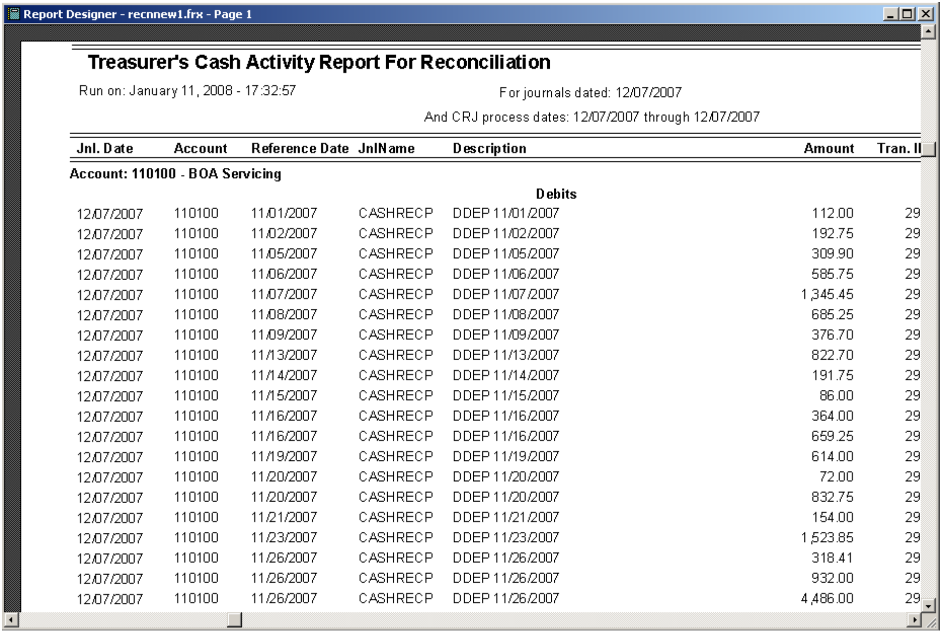
Transaction Detail Section

Date	Description		Account	DR	CR
12/07/2007	Bank Debit		130400 BAA DES Unemp Ins		20,341.40
12/07/2007	Bank Debit	Warrants:DES Clearing Fund Bank Type 08	414240 DES Clearing	20,341.40	
12/07/2007	10/23/2007		414230 Industrial Commission		215.00
12/07/2007	10/23/2007		220100 Due from Bank	215.00	
12/07/2007	10/23/2007		220100 Due from Bank		
12/07/2007	10/23/2007		220100 Due from Bank		
12/07/2007	10/23/2007	Warrant Error Corrections: Industrial Co	220100 Due from Bank		
12/07/2007	12/05/2007		414210 General Payments		146.06
12/07/2007	12/05/2007		414210 General Payments		56.36
12/07/2007	12/05/2007		414210 General Payments		234.49
12/07/2007	12/05/2007		414210 General Payments		928.89
12/07/2007	12/05/2007		414210 General Payments		22.08
12/07/2007	12/05/2007		414210 General Payments		10.51
12/07/2007	12/05/2007		414210 General Payments		71.39
12/07/2007	12/05/2007		414210 General Payments		127.61
12/07/2007	12/05/2007		414210 General Payments		377.84
12/07/2007	12/05/2007		414210 General Payments		285.66
12/07/2007	12/05/2007		414210 General Payments		189.65
12/07/2007	12/05/2007		414210 General Payments		258.51
12/07/2007	12/05/2007		414210 General Payments		99.07
12/07/2007	12/05/2007		414210 General Payments		128.18
12/07/2007	12/05/2007		414210 General Payments		33.73
12/07/2007	12/05/2007		414210 General Payments		188.02
12/07/2007	12/05/2007		414210 General Payments		174.33

View of a posted journal.



View or print journals by general ledger account for reconciliation of minor banks account.



Report Designer - recnnew1.frx - Page 1

Treasurer's Cash Activity Report For Reconciliation

Run on: January 11, 2008 - 17:32:57

For journals dated: 12/07/2007

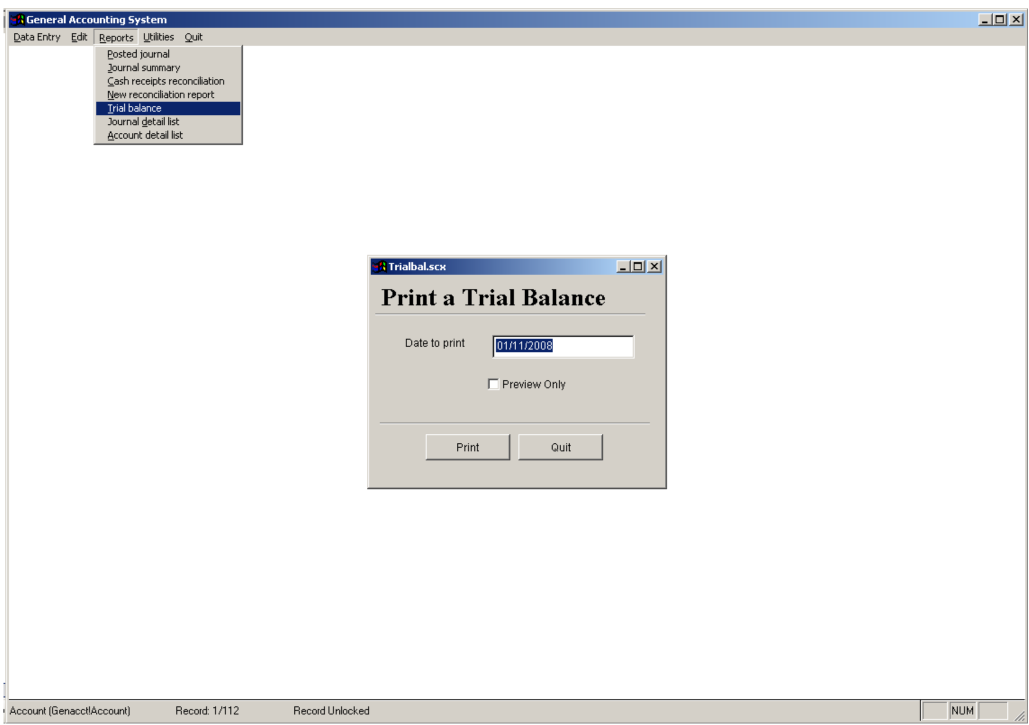
And CRJ process dates: 12/07/2007 through 12/07/2007

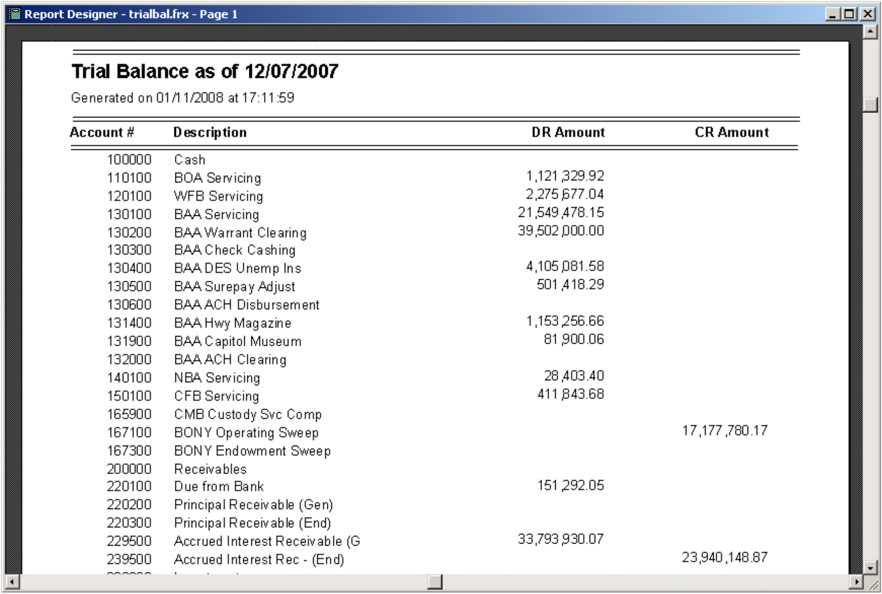
Account: 110100 - BOA Servicing

Debits

Jnl. Date	Account	Reference Date	JnlName	Description	Amount	Tran. II
12/07/2007	110100	11/01/2007	CASHRECP	DDEP 11/01/2007	112.00	29
12/07/2007	110100	11/02/2007	CASHRECP	DDEP 11/02/2007	192.75	29
12/07/2007	110100	11/05/2007	CASHRECP	DDEP 11/05/2007	309.90	29
12/07/2007	110100	11/06/2007	CASHRECP	DDEP 11/06/2007	585.75	29
12/07/2007	110100	11/07/2007	CASHRECP	DDEP 11/07/2007	1,345.45	29
12/07/2007	110100	11/08/2007	CASHRECP	DDEP 11/08/2007	685.25	29
12/07/2007	110100	11/09/2007	CASHRECP	DDEP 11/09/2007	376.70	29
12/07/2007	110100	11/13/2007	CASHRECP	DDEP 11/13/2007	822.70	29
12/07/2007	110100	11/14/2007	CASHRECP	DDEP 11/14/2007	191.75	29
12/07/2007	110100	11/15/2007	CASHRECP	DDEP 11/15/2007	86.00	29
12/07/2007	110100	11/16/2007	CASHRECP	DDEP 11/16/2007	364.00	29
12/07/2007	110100	11/16/2007	CASHRECP	DDEP 11/16/2007	659.25	29
12/07/2007	110100	11/19/2007	CASHRECP	DDEP 11/19/2007	614.00	29
12/07/2007	110100	11/20/2007	CASHRECP	DDEP 11/20/2007	72.00	29
12/07/2007	110100	11/20/2007	CASHRECP	DDEP 11/20/2007	832.75	29
12/07/2007	110100	11/21/2007	CASHRECP	DDEP 11/21/2007	154.00	29
12/07/2007	110100	11/23/2007	CASHRECP	DDEP 11/23/2007	1,523.85	29
12/07/2007	110100	11/26/2007	CASHRECP	DDEP 11/26/2007	318.41	29
12/07/2007	110100	11/26/2007	CASHRECP	DDEP 11/26/2007	932.00	29
12/07/2007	110100	11/26/2007	CASHRECP	DDEP 11/26/2007	4,486.00	29

View of the report & used to reconcile minor bank accounts.





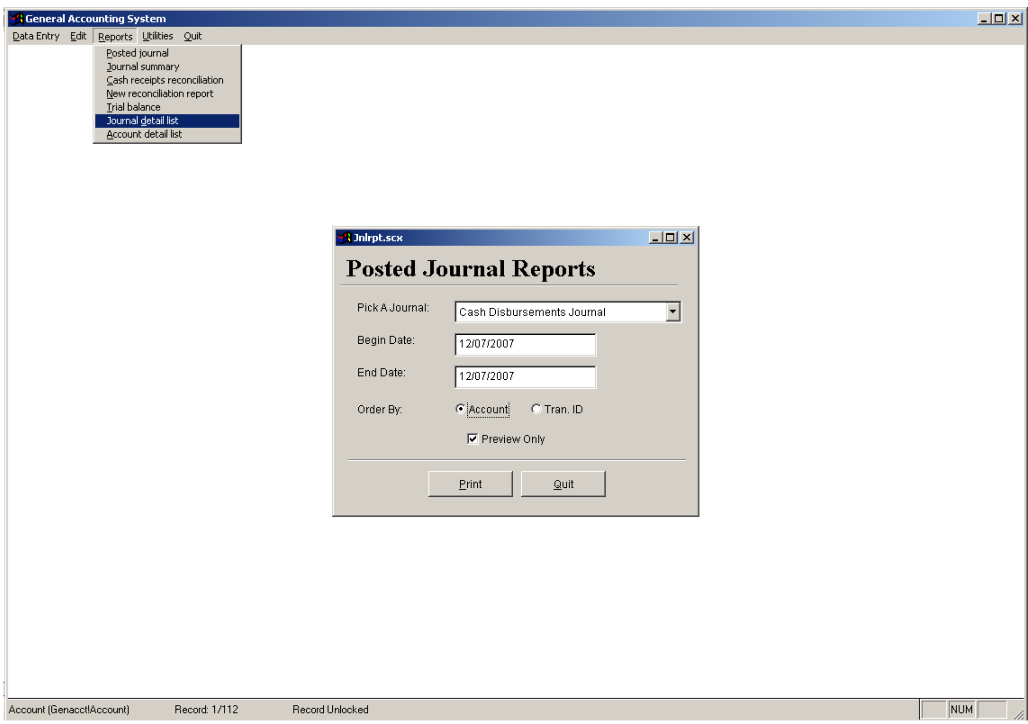
Report Designer - trialbal.frx - Page 1

Trial Balance as of 12/07/2007

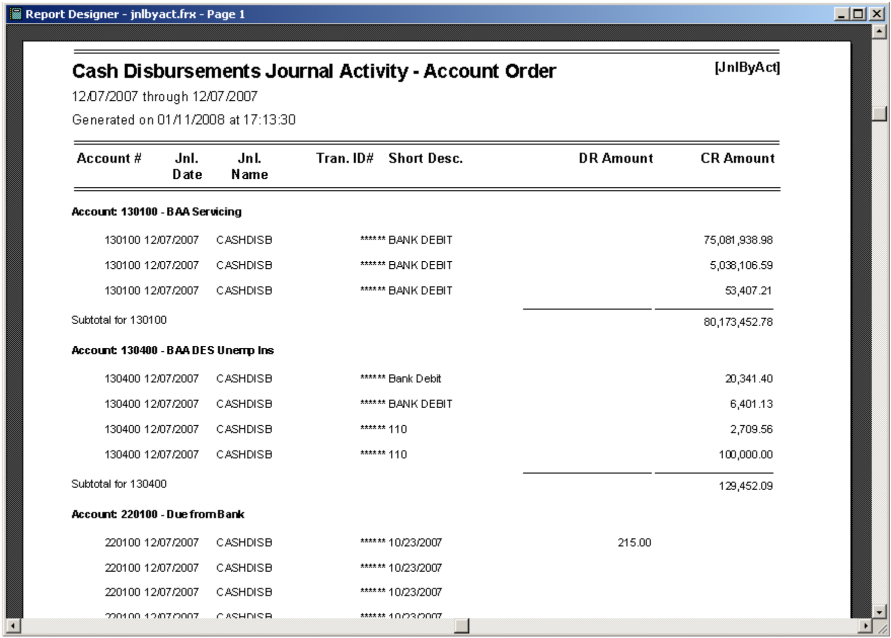
Generated on 01/11/2008 at 17:11:59

Account #	Description	DR Amount	CR Amount
100000	Cash		
110100	BOA Servicing	1,121,329.92	
120100	WFB Servicing	2,275,677.04	
130100	BAA Servicing	21,549,478.15	
130200	BAA Warrant Clearing	39,502,000.00	
130300	BAA Check Cashing		
130400	BAA DES Unemp Ins	4,105,081.58	
130500	BAA Surepay Adjust	501,418.29	
130600	BAA ACH Disbursement		
131400	BAA Hwy Magazine	1,153,256.66	
131900	BAA Capitol Museum	81,900.06	
132000	BAA ACH Clearing		
140100	NBA Servicing	28,403.40	
150100	CFB Servicing	411,843.68	
165900	CMB Custody Svc Comp		
167100	BONY Operating Sweep		17,177,780.17
167300	BONY Endowment Sweep		
200000	Receivables		
220100	Due from Bank	151,292.05	
220200	Principal Receivable (Gen)		
220300	Principal Receivable (End)		
229500	Accrued Interest Receivable (G	33,793,930.07	
239500	Accrued Interest Rec - (End)		23,940,148.87

View of the above.



View a specific journal within a date range.



Report Designer - jnlbyact.frx - Page 1

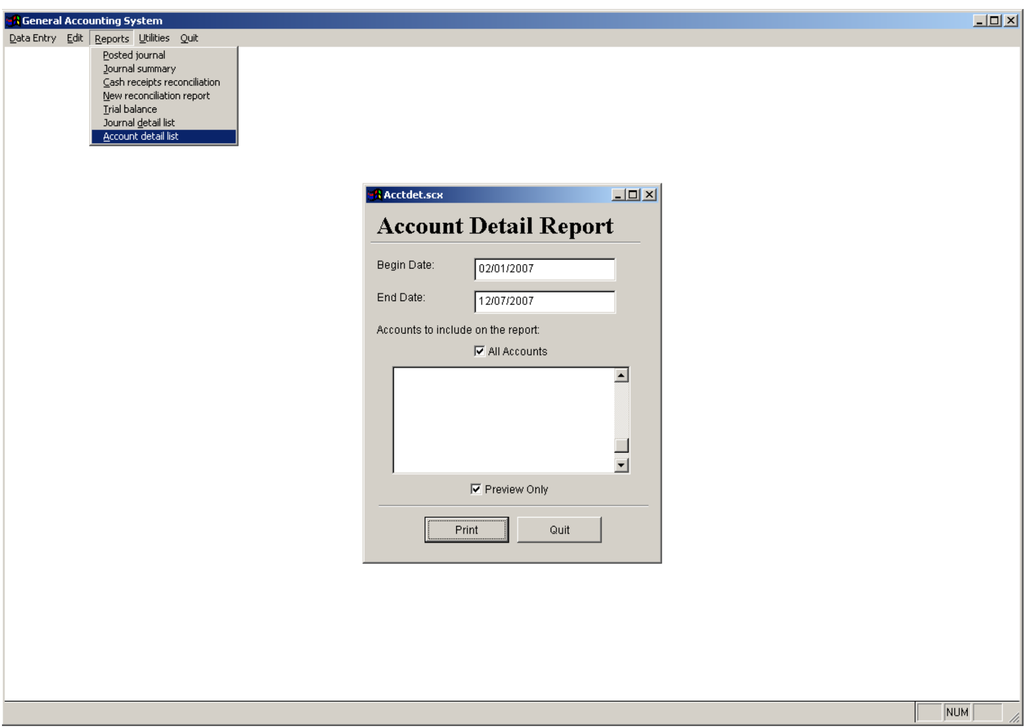
Cash Disbursements Journal Activity - Account Order [JnlByAct]

12/07/2007 through 12/07/2007

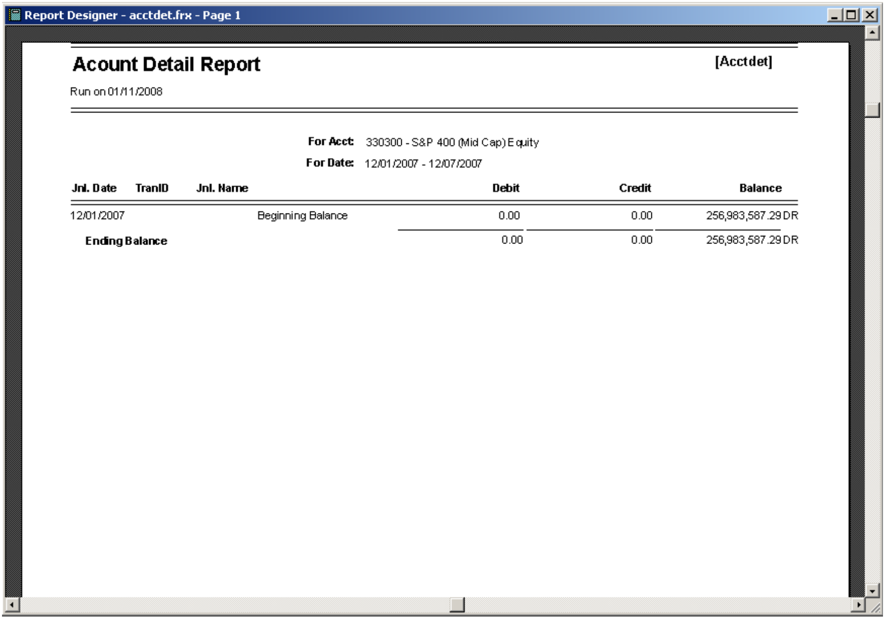
Generated on 01/11/2008 at 17:13:30

Account #	Jnl. Date	Jnl. Name	Tran. ID#	Short Desc.	DR Amount	CR Amount
Account: 130100 - BAA Servicing						
130100	12/07/2007	CASHDISB	******	BANK DEBIT		75,081,938.98
130100	12/07/2007	CASHDISB	******	BANK DEBIT		5,038,106.59
130100	12/07/2007	CASHDISB	******	BANK DEBIT		53,407.21
Subtotal for 130100						80,173,452.78
Account: 130400 - BAA DES Unemp Ins						
130400	12/07/2007	CASHDISB	******	Bank Debit		20,341.40
130400	12/07/2007	CASHDISB	******	BANK DEBIT		6,401.13
130400	12/07/2007	CASHDISB	******	110		2,709.56
130400	12/07/2007	CASHDISB	******	110		100,000.00
Subtotal for 130400						129,452.09
Account: 220100 - Due from Bank						
220100	12/07/2007	CASHDISB	******	10/23/2007	215.00	
220100	12/07/2007	CASHDISB	******	10/23/2007		
220100	12/07/2007	CASHDISB	******	10/23/2007		

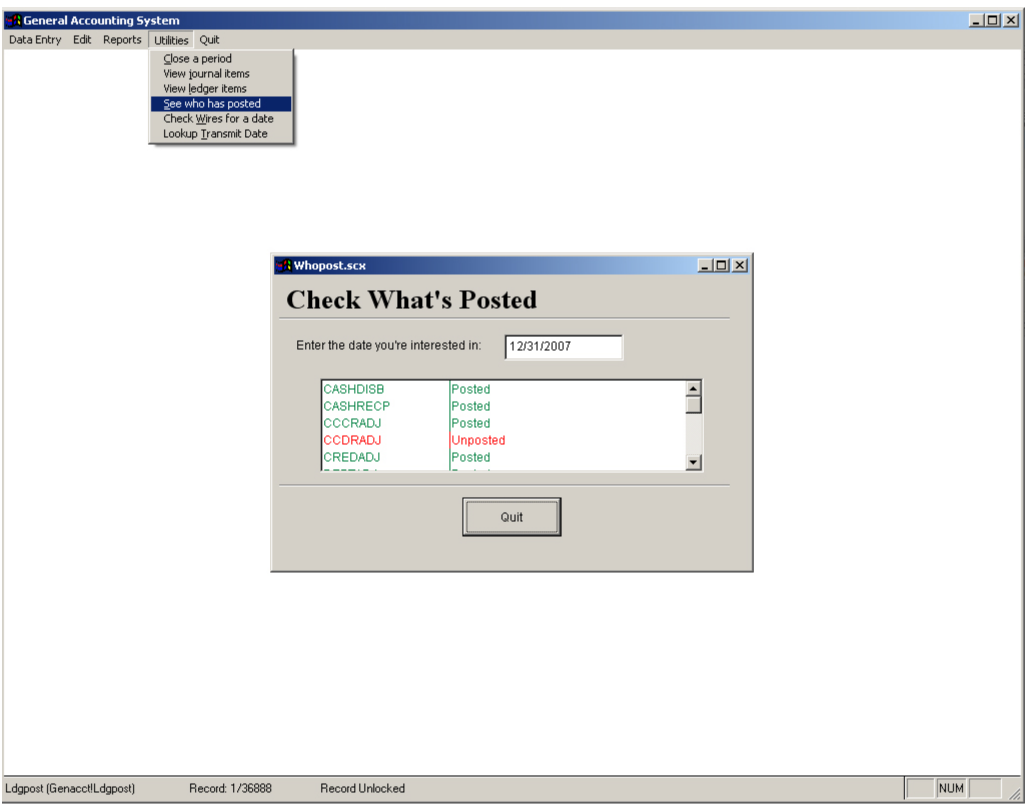
View of the above.



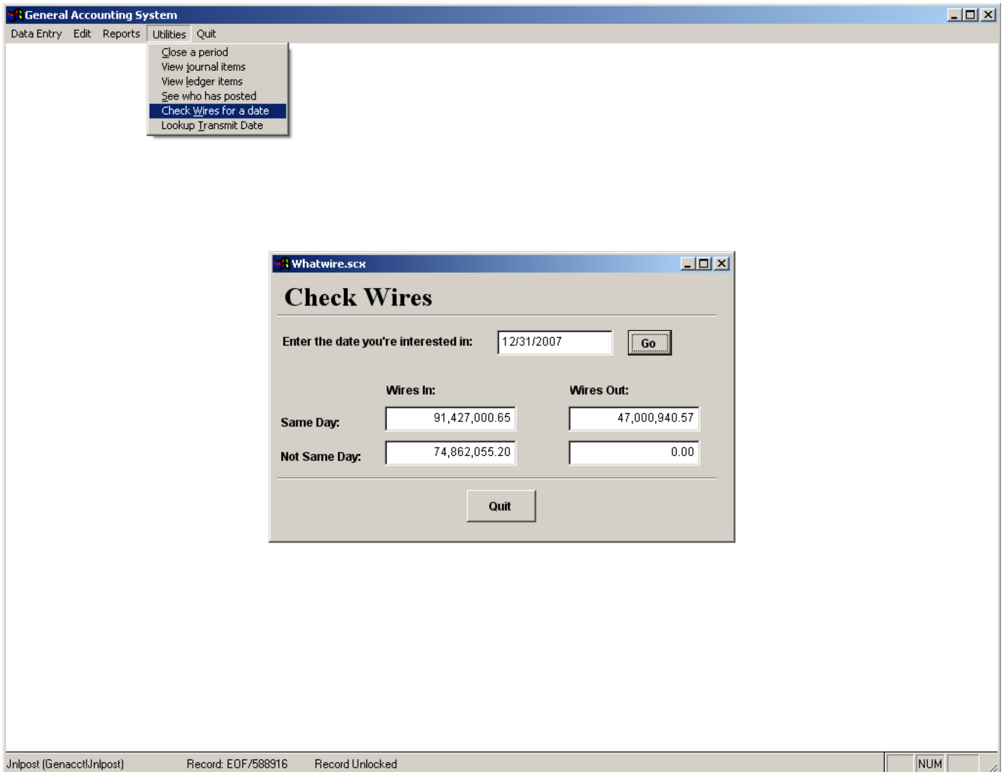
View a specific account within a date range.



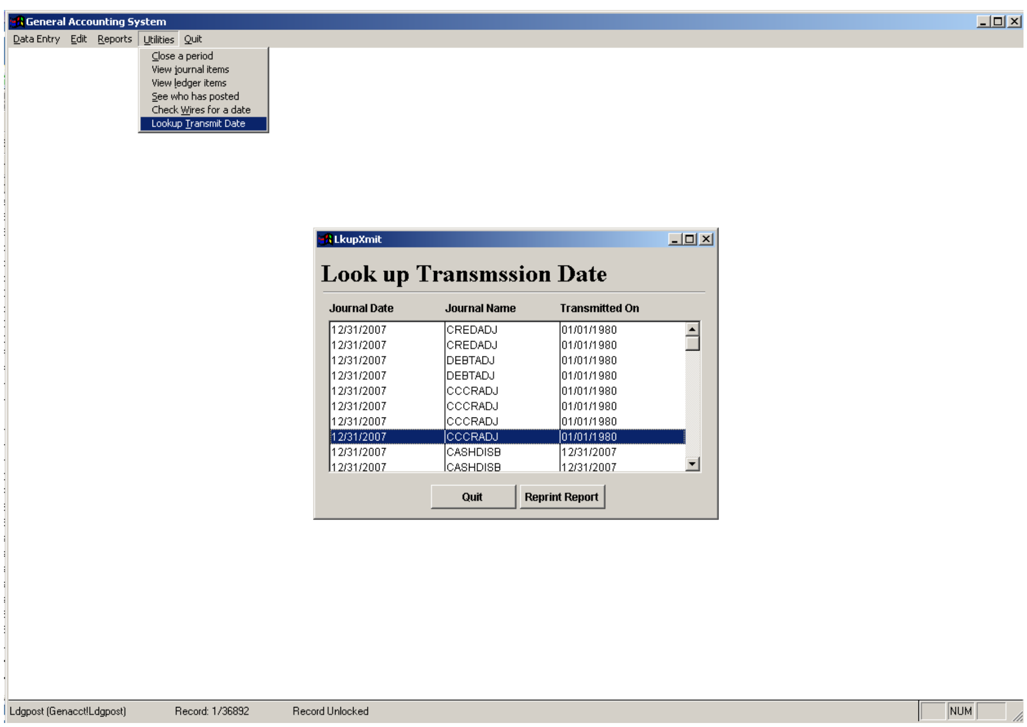
View of the above item.



Verify which journals have been posted to the general ledger at any given time.



Report the wire in and wire out totals without duplication for cash flow purposes.



Track and print the journals that were transmitted to USAS.

Report Designer - ldgtran.frx - Page 1

Ledger Items Transmitted on 12/31/2007 [Ldgtran]

Run on January 11, 2008 at 17:21:32

Batch Agy: TRA **Batch Type:** 6
Batch Date: 12/28/2007 **Batch #:** 206

Doc#:	Suffix	Seq. #	Eff. Date	TC	PCA	Index	Description	Comp. GL	Amount	Rev.
MGP1228	1	22	12/28/2007	800	97090	0	GENPUR 12/28/07 167100 CR	9671	2,183,635,538.70	R
MGP1228	2	23	12/28/2007	800	97090	0	GENPUR 12/28/07 321000 DR	210	184,555,000.00	
MGP1228	3	24	12/28/2007	800	97090	0	GENPUR 12/28/07 321500 DR	215	2,000,000,000.00	
MGP1228	4	25	12/28/2007	800	97090	0	GENPUR 12/28/07 328100 CR	281	919,461.30	R

Total for document number MGP1228 : 4,369,110,000.00

Total for batch 206: 4,369,110,000.00

Batch Agy: TRA **Batch Type:** 6
Batch Date: 12/28/2007 **Batch #:** 207

Doc#:	Suffix	Seq. #	Eff. Date	TC	PCA	Index	Description	Comp. GL	Amount	Rev.
MGS1228	1	26	12/28/2007	800	97090	0	GENSALE 12/28/07 167100 DR	9671	2,210,438,385.43	
MGS1228	2	27	12/28/2007	800	97090	0	GENSALE 12/28/07 229500 CR	295	438,385.43	R
MGS1228	3	28	12/28/2007	800	97090	0	GENSALE 12/28/07 321000 CR	210	210,000,000.00	R
MGS1228	4	29	12/28/2007	800	97090	0	GENSALE 12/28/07 321500 CR	215	2,000,000,000.00	R

Comparison of items sent to items received in USAS.

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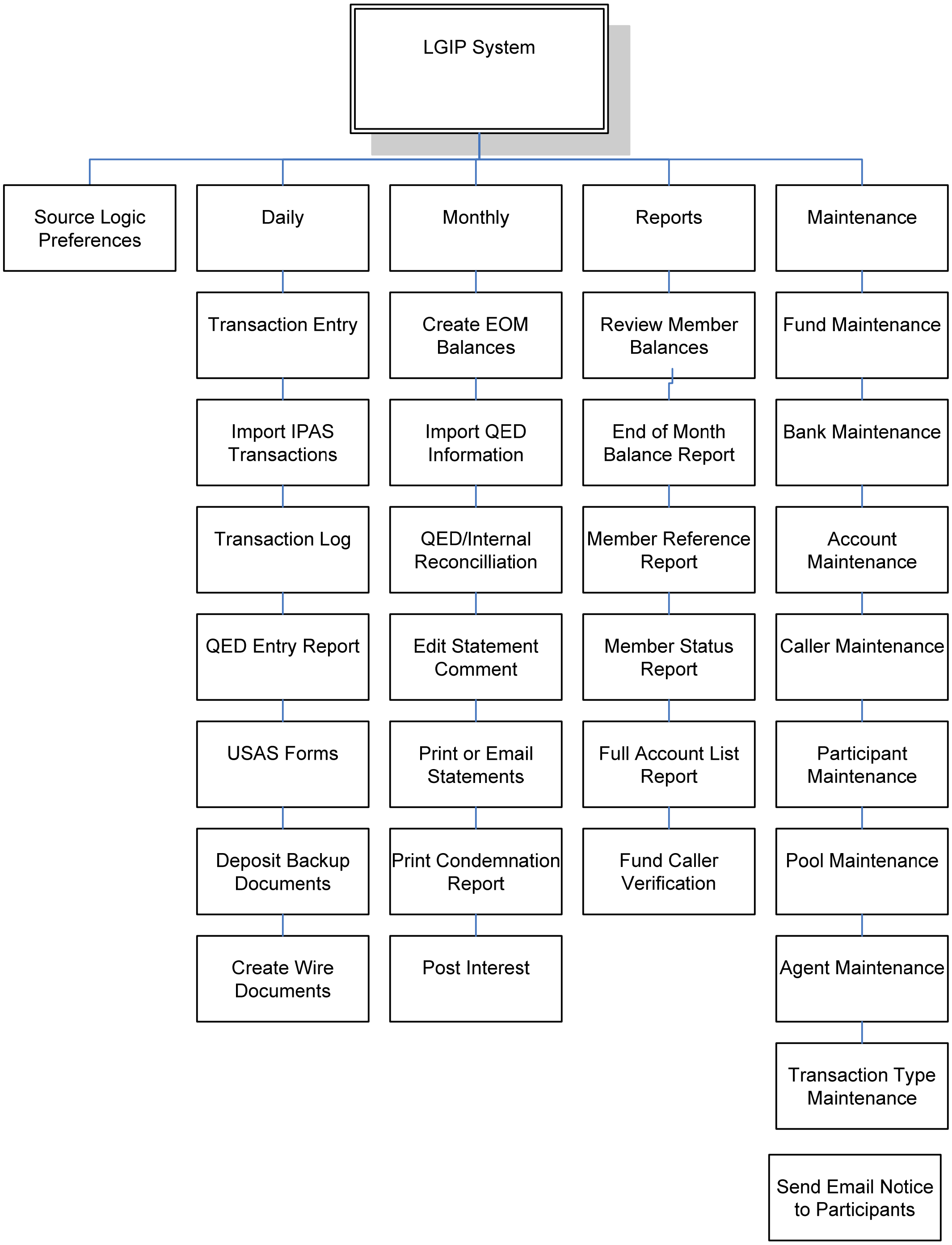


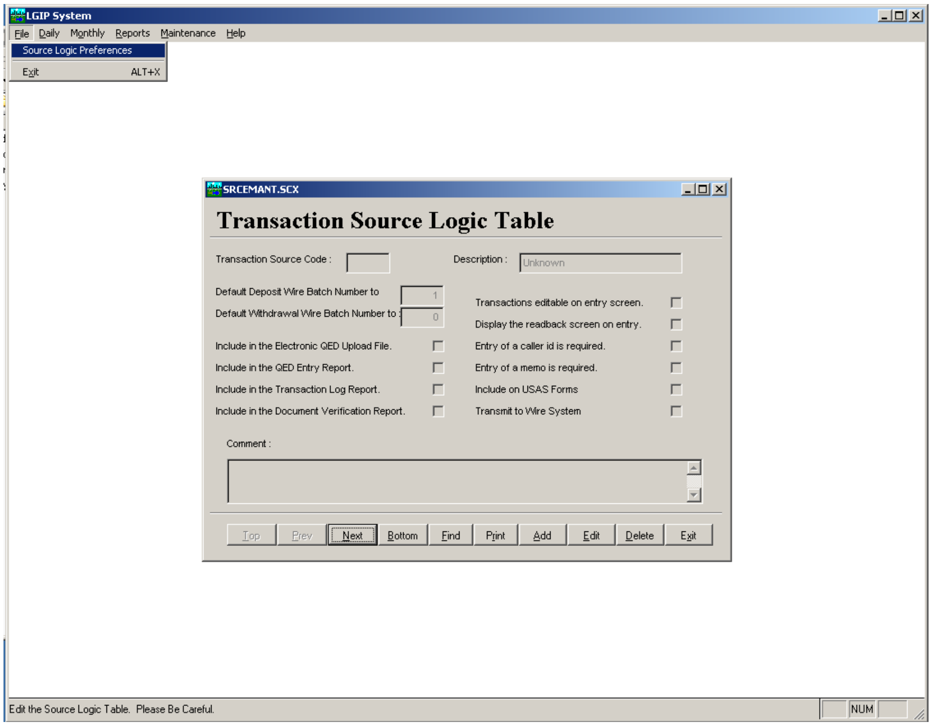
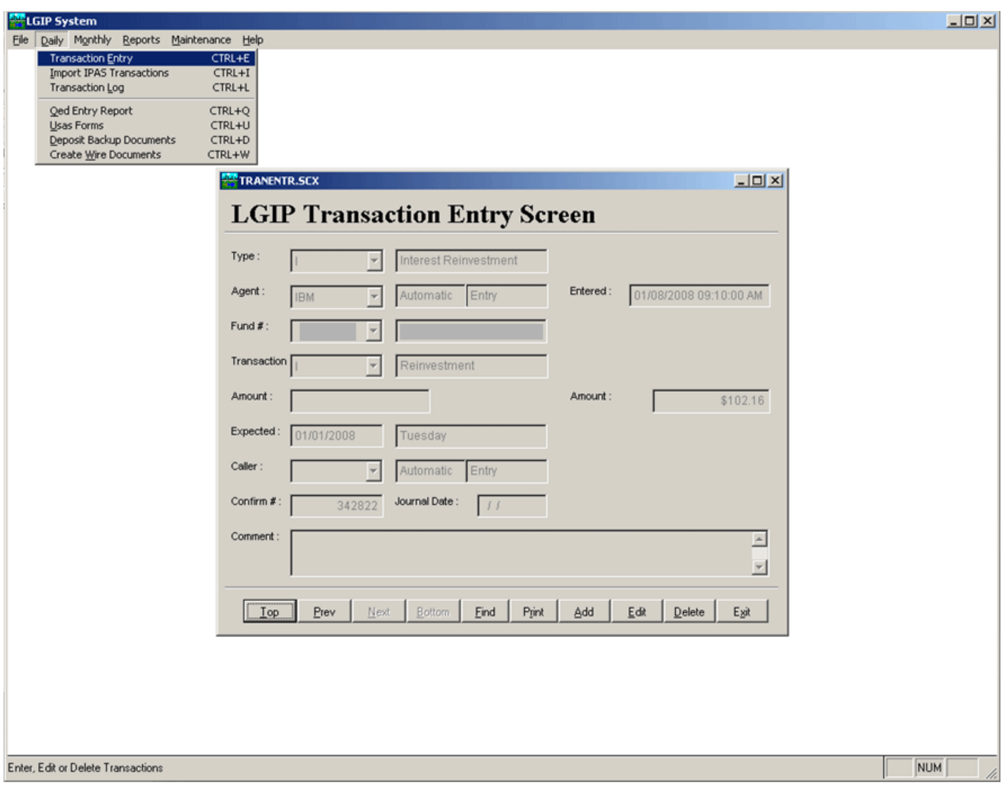
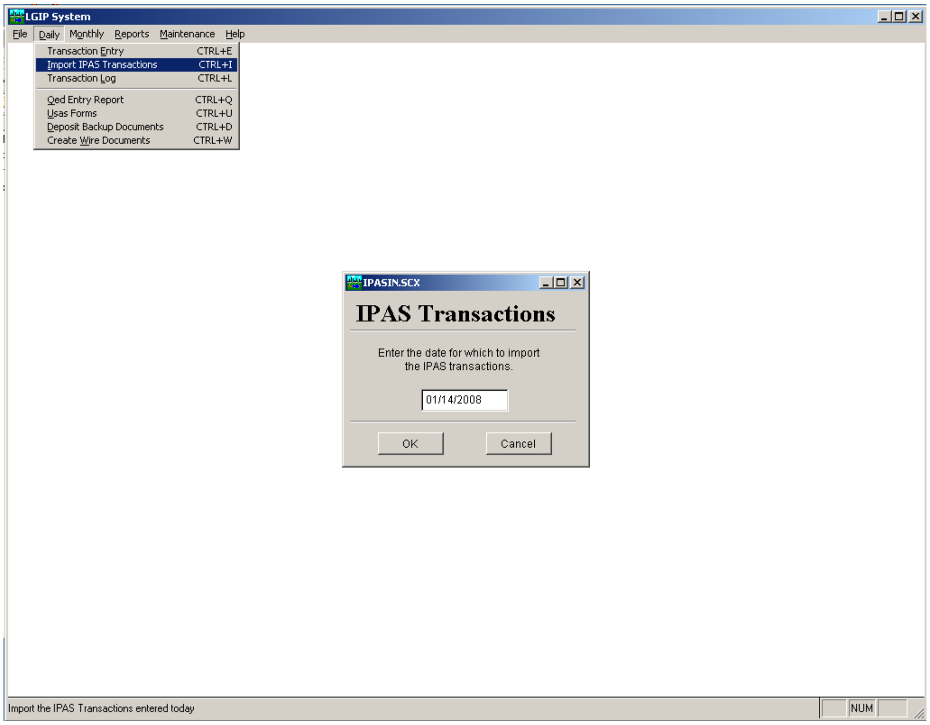


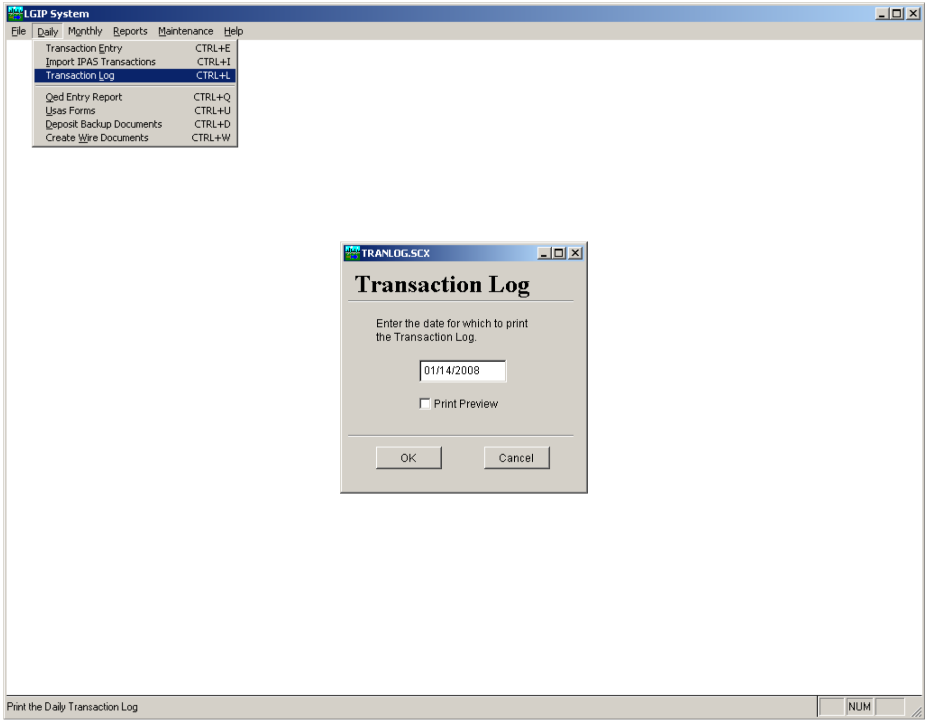
Table is used for transaction entry screen (see "Daily", "Transaction Entry") to be used to separate different types of transactions for the LGIP. Each transaction type initiates actions to other reports when box is checked.

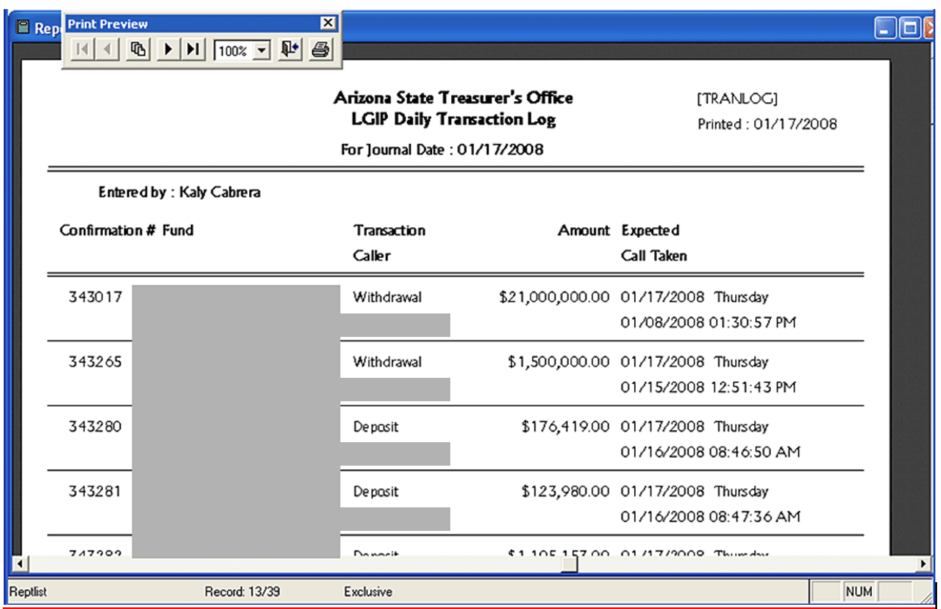


To enter all transactions (deposits/withdrawals/transfers between accounts, interest reinvestment, distributions of sales tax, etc from the distribution division) for LGIP participants. IPAS file from QED imported into the table attached to this form. Other files are also imported for transaction types, such as, monthly interest posting, distributions, and etc. Data entered through this form is the basis for a daily export file to QED (investment accounting software). This data updates LGIP participant accounts, in QED, for that day's transactions. Transaction data is transmitted to the wire system for all deposits and withdrawals that are a transaction type 'Call-in' or 'Online IPAS'.

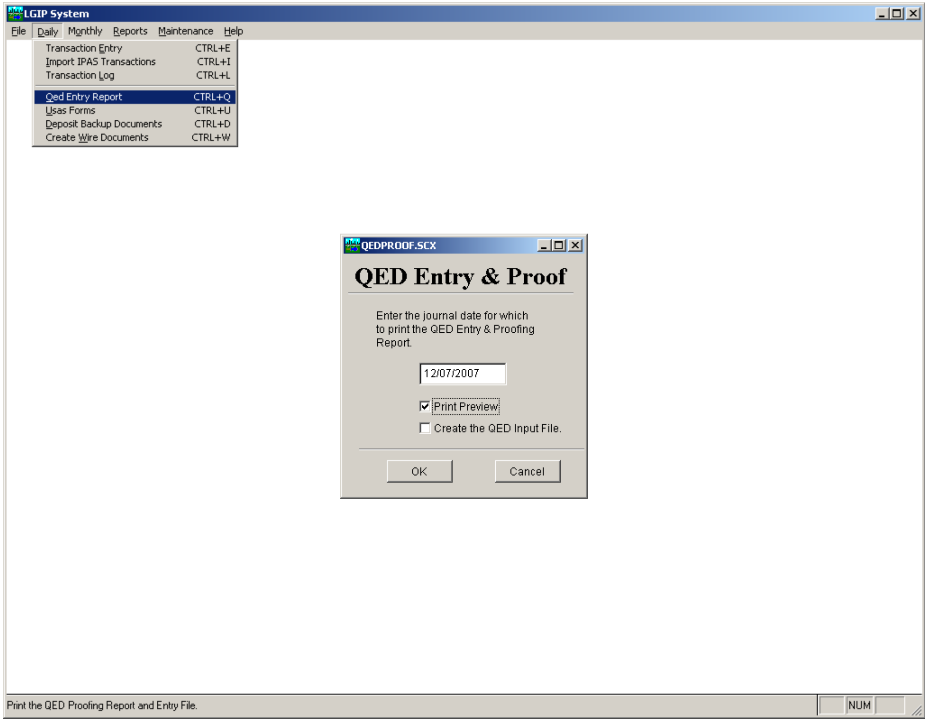


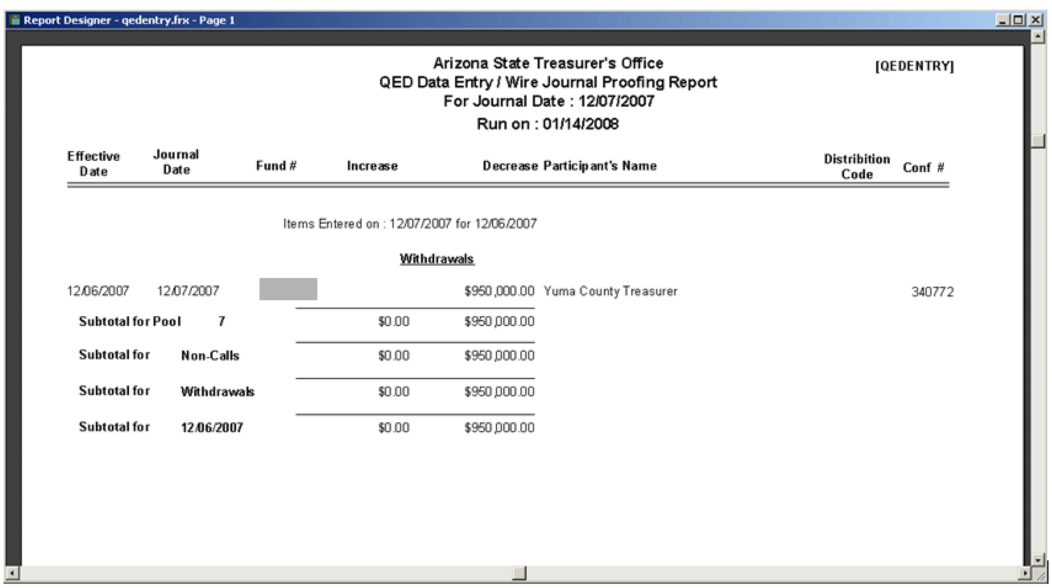
Import IPAS (QED) transactions (deposits/withdrawals/transfers) into the LGIP system.



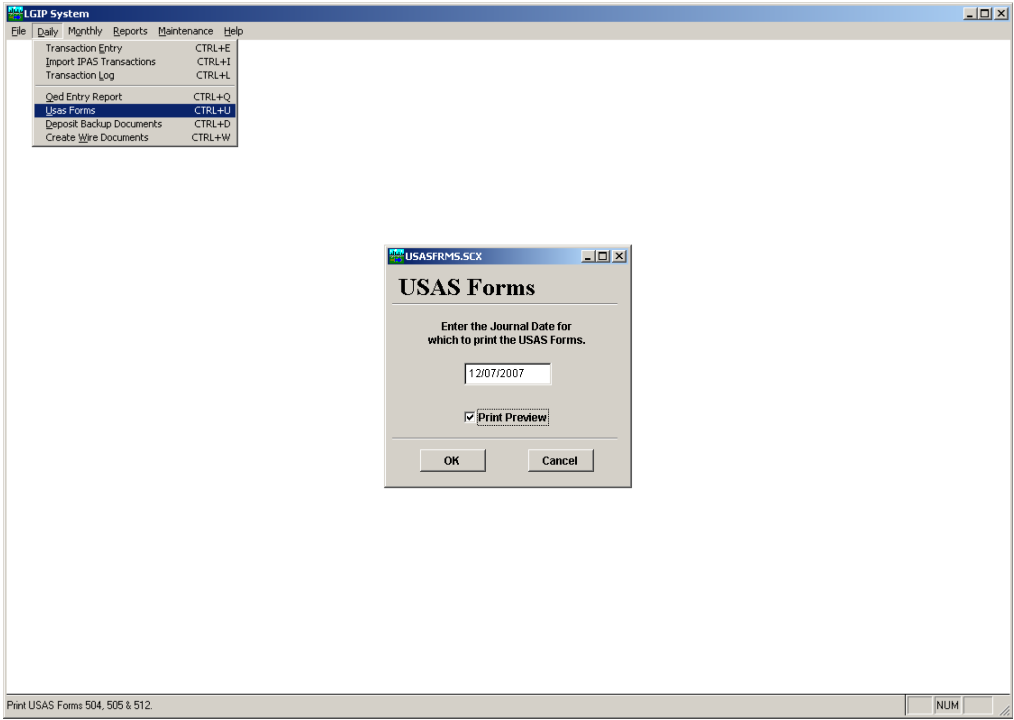


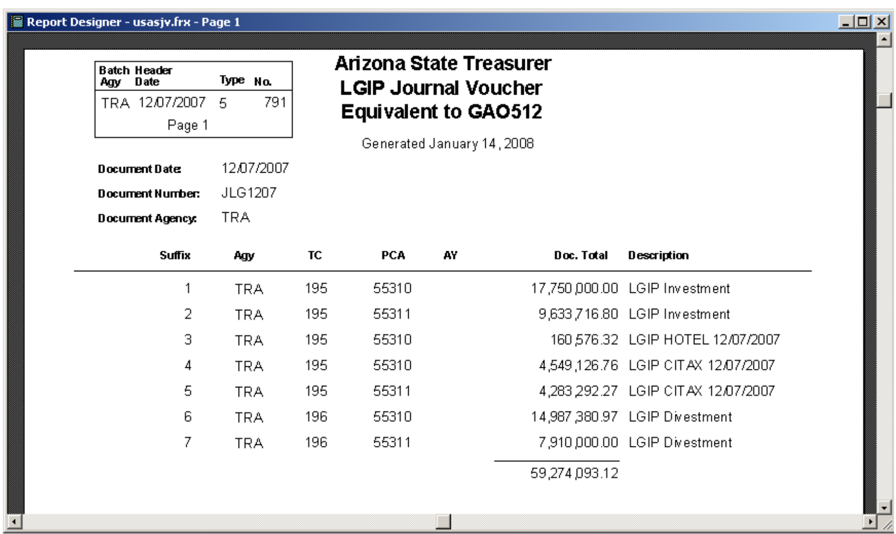
Produces report which shows all transactions entered into LGIP for the current day. (Note: transactions shown also include transactions entered in the past for the current day.)





Produces report which shows all transactions entered into LGIP for the current day by transaction type and transaction source. This function actually facilitates the creation of the daily QED export file, based on date entered in the Transaction Entry Screen.




Report Designer - usasjv.frx - Page 1

Batch Header Agy	Date	Type	No.
TRA	12/07/2007	5	791

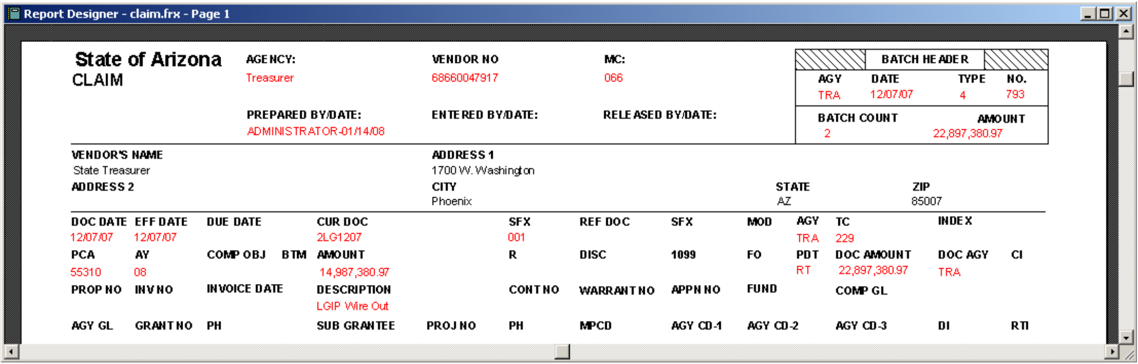
Page 1

Arizona State Treasurer
LGIP Journal Voucher
Equivalent to GAO512

Generated January 14, 2008

Document Date: 12/07/2007
Document Number: JLG1207
Document Agency: TRA

Suffix	Agy	TC	PCA	AY	Doc. Total	Description
1	TRA	195	55310		17,750,000.00	LGIP Investment
2	TRA	195	55311		9,633,716.80	LGIP Investment
3	TRA	195	55310		160,576.32	LGIP HOTEL 12/07/2007
4	TRA	195	55310		4,549,126.76	LGIP CITAX 12/07/2007
5	TRA	195	55311		4,283,292.27	LGIP CITAX 12/07/2007
6	TRA	196	55310		14,987,380.97	LGIP Divestment
7	TRA	196	55311		7,910,000.00	LGIP Divestment
					59,274,093.12	



Report Designer - claim.frx - Page 1

State of Arizona
CLAIM

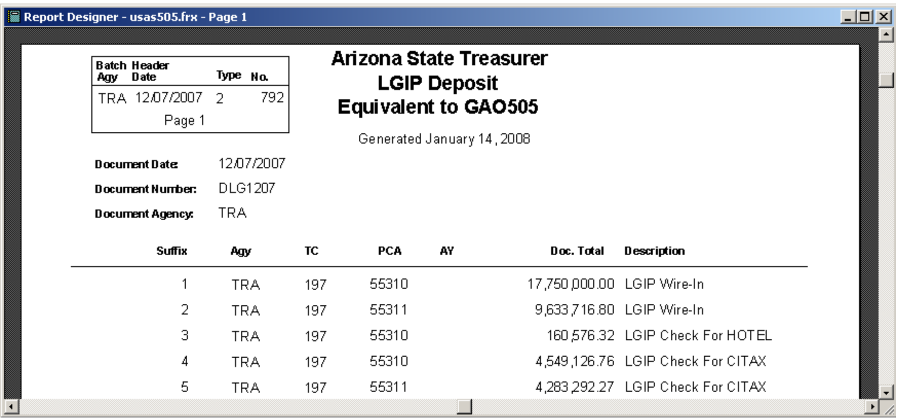
AGENCY: Treasurer
VENDOR NO: 68660047917
MC: 066

BATCH HEADER			
AGY	DATE	TYPE	NO.
TRA	12/07/07	4	793
BATCH COUNT		AMOUNT	
2		22,897,380.97	

PREPARED BY/DATE: ADMINISTRATOR-01/14/08
ENTERED BY/DATE:
RELEASED BY/DATE:

VENDOR'S NAME: State Treasurer
ADDRESS 1: 1700 W. Washington
ADDRESS 2
CITY: Phoenix
STATE: AZ
ZIP: 85007

DOC DATE	EFF DATE	DUE DATE		CUR DOC		SFX	REF DOC	SFX	MOD	AGY	TC	INDEX	
12/07/07	12/07/07			2LG1207		001				TRA	229		
PCA	AY	COMP OBJ	BTM	AMOUNT		R	DISC	1099	FO	PDT	DOC AMOUNT	DOC AGY	CI
55310	08			14,987,380.97						RT	22,897,380.97	TRA	
PROP NO	INV NO	INVOICE DATE		DESCRIPTION		CONT NO	WARRANT NO	APPN NO	FUND		COMP GL		
				LGIP Wire Out									
AGY GL	GRANT NO	PH		SUB GRANTEE	PROJ NO	PH	MPCD	AGY CD-1	AGY CD-2		AGY CD-3	DI	RTI



Report Designer - usas505.frx - Page 1

Batch Header Agy	Date	Type	No.
TRA	12/07/2007	2	792

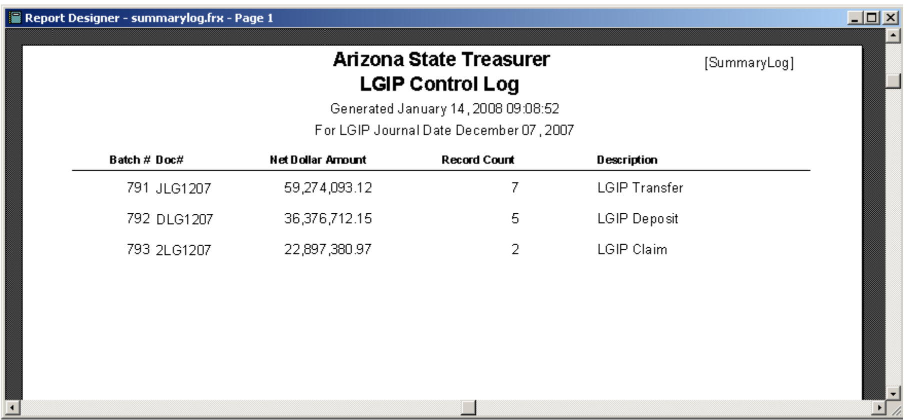
Page 1

Arizona State Treasurer
LGIP Deposit
Equivalent to GAO505

Generated January 14, 2008

Document Date: 12/07/2007
Document Number: DLG1207
Document Agency: TRA

Suffix	Agy	TC	PCA	AY	Doc. Total	Description
1	TRA	197	55310		17,750,000.00	LGIP Wire-In
2	TRA	197	55311		9,633,716.80	LGIP Wire-In
3	TRA	197	55310		160,576.32	LGIP Check For HOTEL
4	TRA	197	55310		4,549,126.76	LGIP Check For CITAX
5	TRA	197	55311		4,283,292.27	LGIP Check For CITAX



Report Designer - summarylog.frx - Page 1

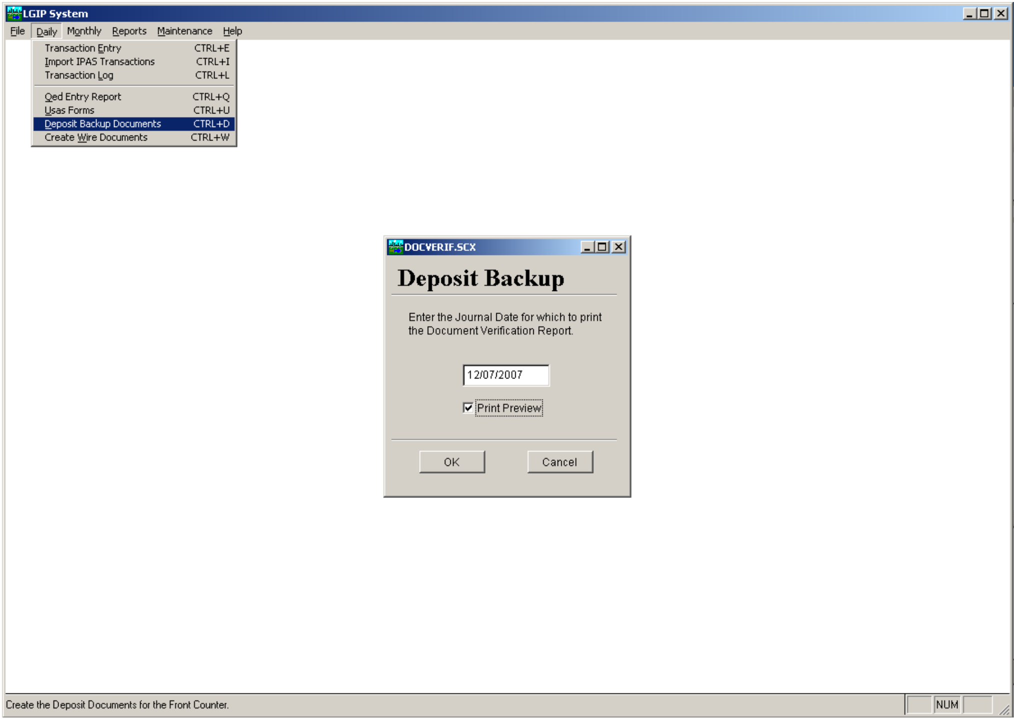
Arizona State Treasurer
LGIP Control Log

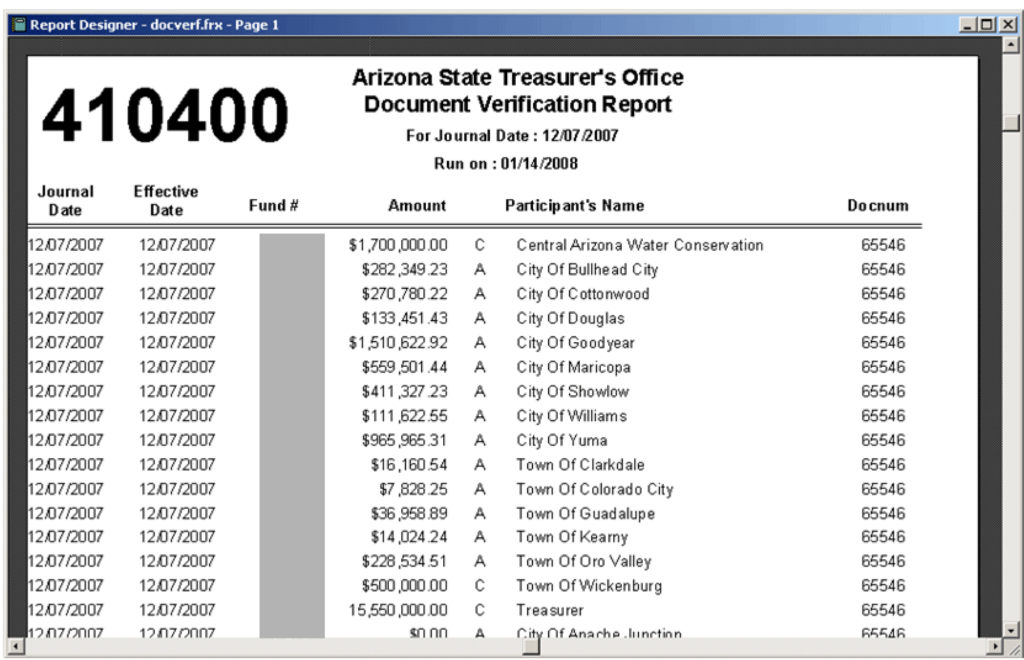
[SummaryLog]

Generated January 14, 2008 09:08:52
For LGIP Journal Date December 07, 2007

Batch #	Doc#	Net Dollar Amount	Record Count	Description
791	JLG1207	59,274,093.12	7	LGIP Transfer
792	DLG1207	36,376,712.15	5	LGIP Deposit
793	2LG1207	22,897,380.97	2	LGIP Claim

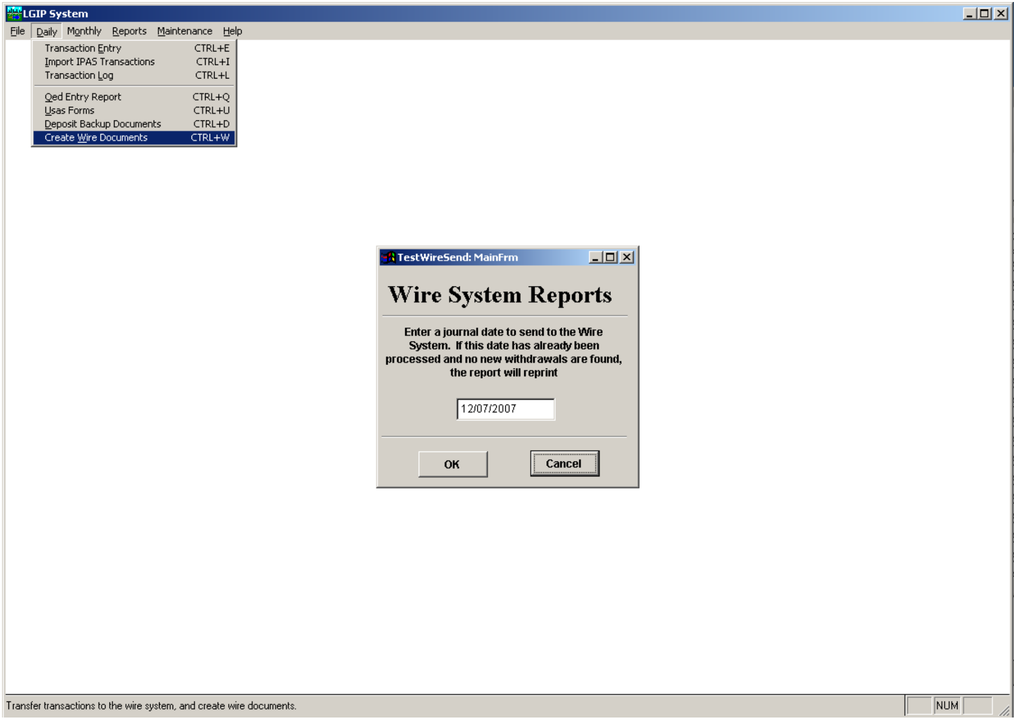
Produces USAS forms from the daily LGIP transaction data.

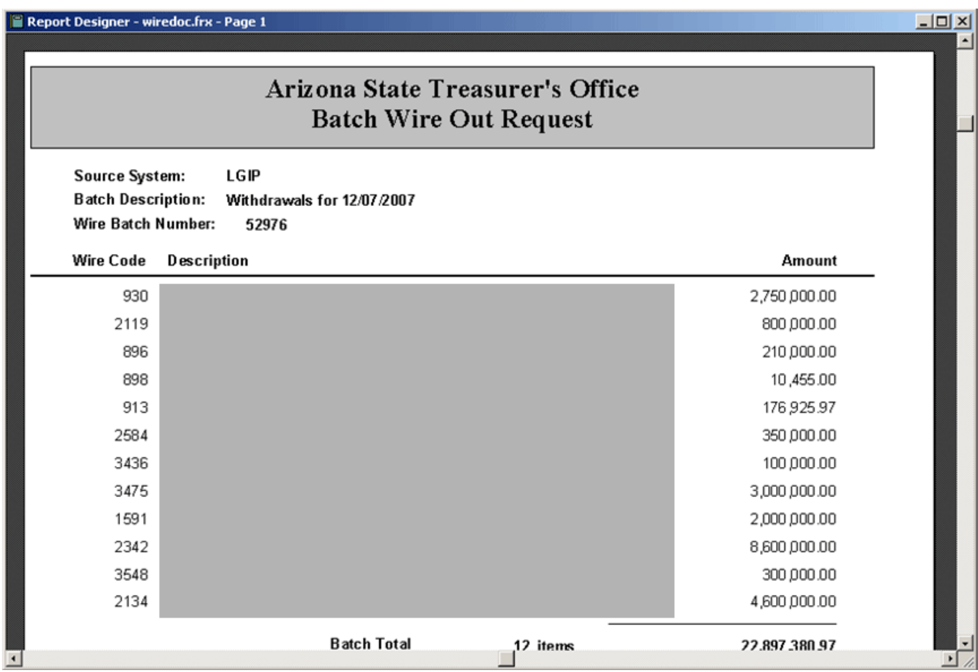




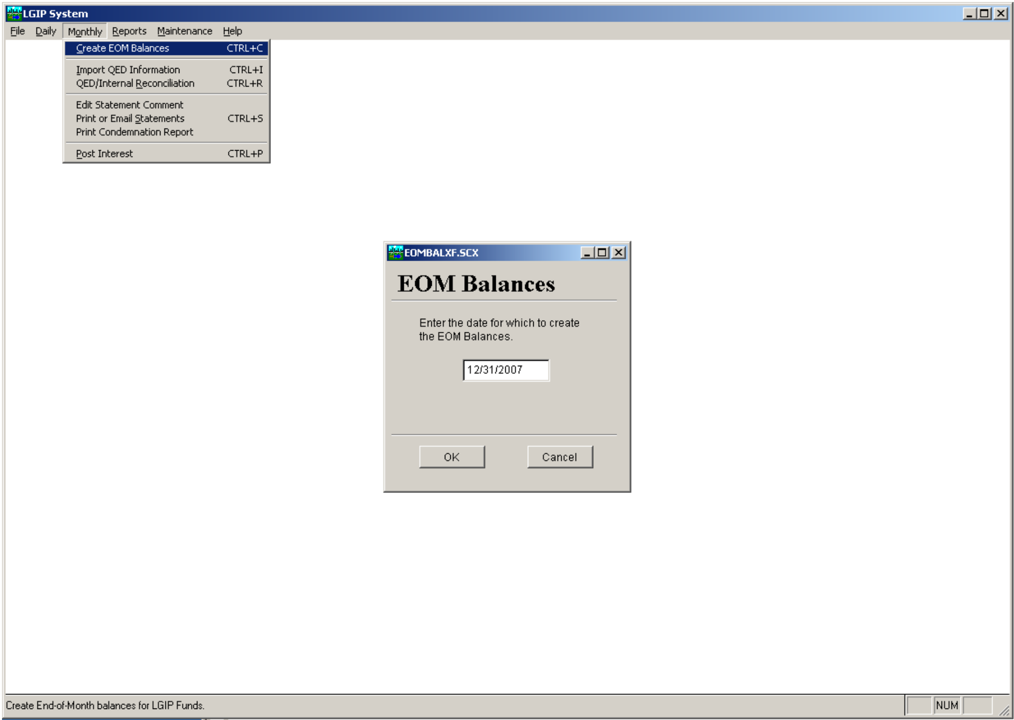
Journal Date	Effective Date	Fund #	Amount		Participant's Name	Docnum
12/07/2007	12/07/2007		$1,700,000.00	C	Central Arizona Water Conservation	65546
12/07/2007	12/07/2007		$282,349.23	A	City Of Bullhead City	65546
12/07/2007	12/07/2007		$270,780.22	A	City Of Cottonwood	65546
12/07/2007	12/07/2007		$133,451.43	A	City Of Douglas	65546
12/07/2007	12/07/2007		$1,510,622.92	A	City Of Goodyear	65546
12/07/2007	12/07/2007		$559,501.44	A	City Of Maricopa	65546
12/07/2007	12/07/2007		$411,327.23	A	City Of Showlow	65546
12/07/2007	12/07/2007		$111,622.55	A	City Of Williams	65546
12/07/2007	12/07/2007		$965,965.31	A	City Of Yuma	65546
12/07/2007	12/07/2007		$16,160.54	A	Town Of Clarkdale	65546
12/07/2007	12/07/2007		$7,828.25	A	Town Of Colorado City	65546
12/07/2007	12/07/2007		$36,958.89	A	Town Of Guadalupe	65546
12/07/2007	12/07/2007		$14,024.24	A	Town Of Kearny	65546
12/07/2007	12/07/2007		$228,534.51	A	Town Of Oro Valley	65546
12/07/2007	12/07/2007		$500,000.00	C	Town Of Wickenburg	65546
12/07/2007	12/07/2007		15,550,000.00	C	Treasurer	65546
12/07/2007	12/07/2007		$0.00	A	City Of Apache Junction	65546

Produces form to be deposited with USAS deposit form across the front counter.

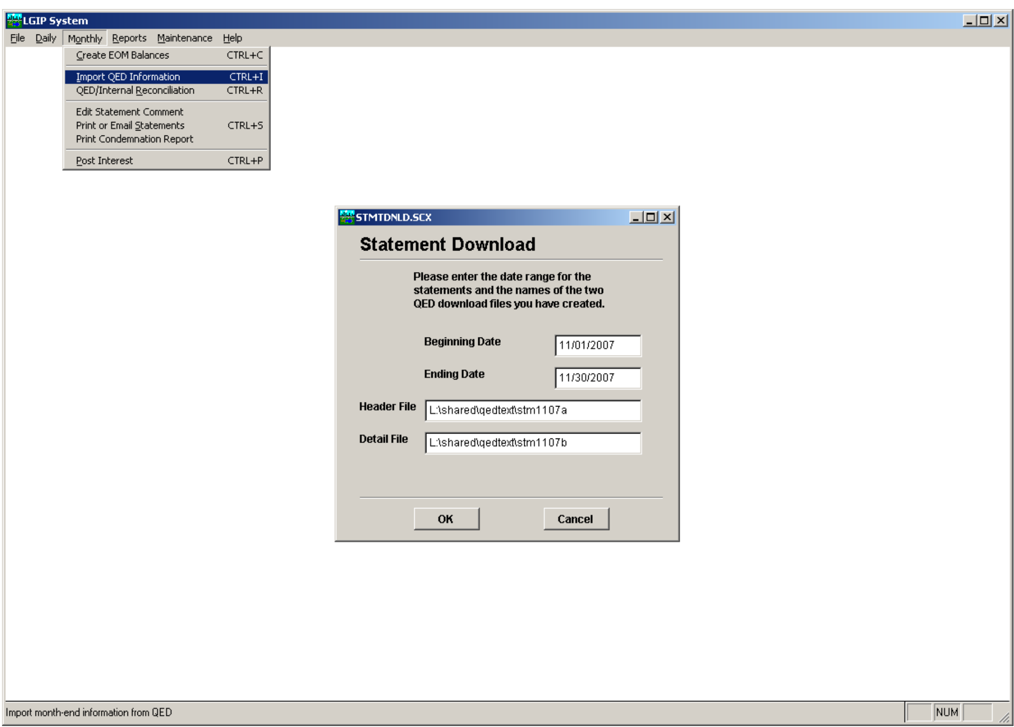




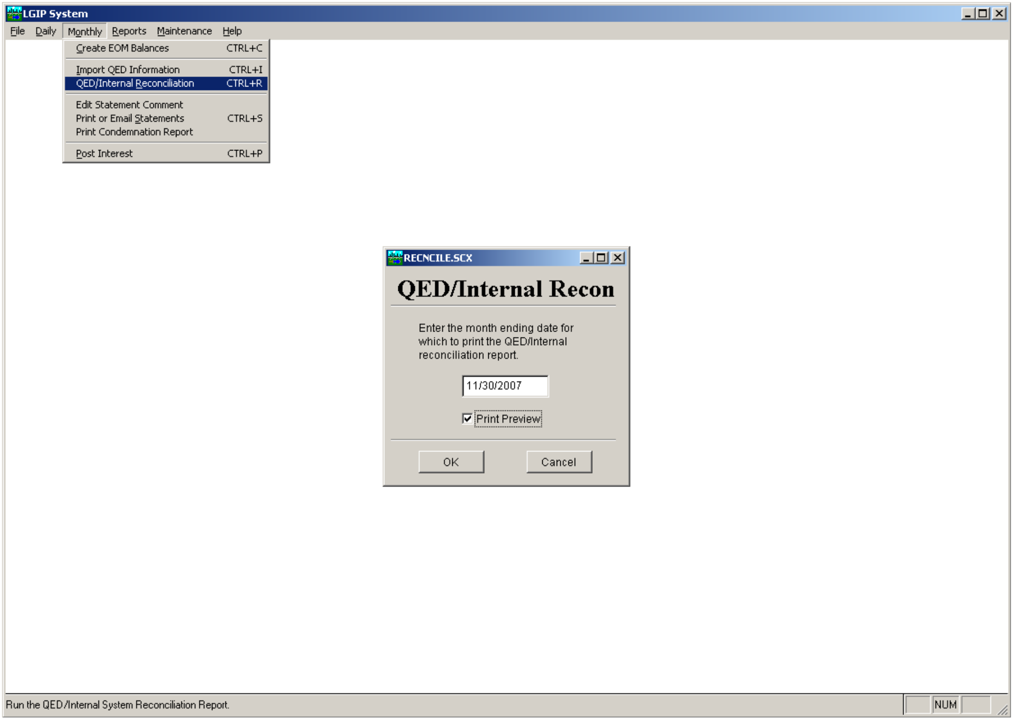
Produces report and bank wire file with LGIP withdrawal transactions for the day.



Program creates balances for end of the month for all active LGIP members. (Pool 5 and Pool 7) Please note that LGIP system is used first for posting most transactions.



Import 2 files from QED and collect data for the participant's statement of account.



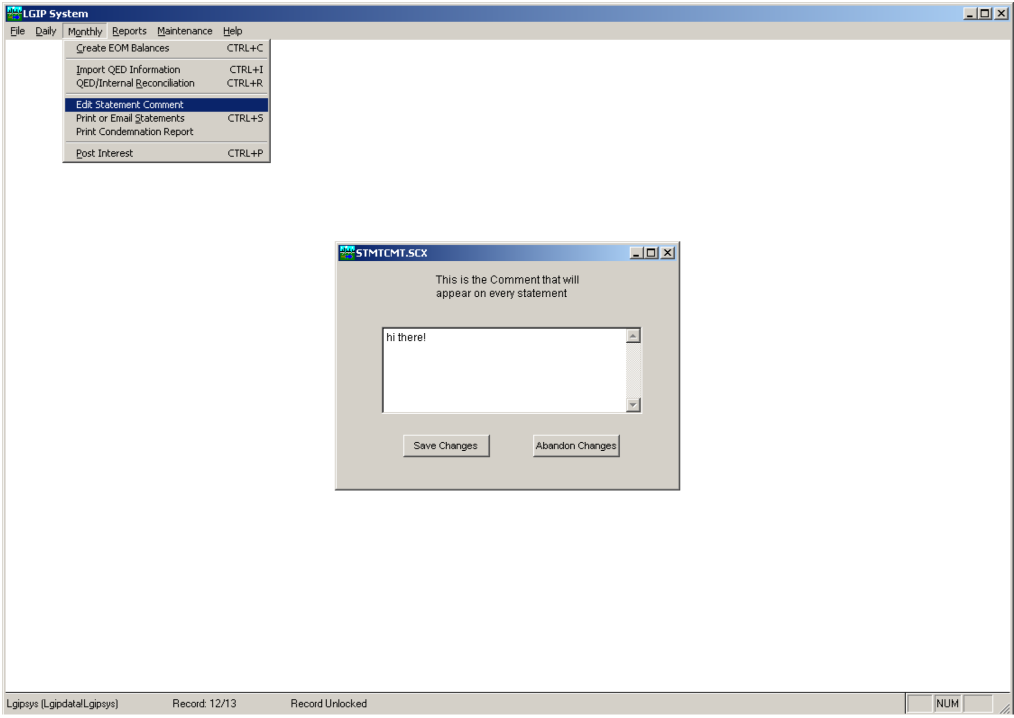

Report Designer - recncile.frx - Page 1

Arizona State Treasurer's Office
QED/LGIP Balance Reconciliation
For Month Ending 11/30/2007

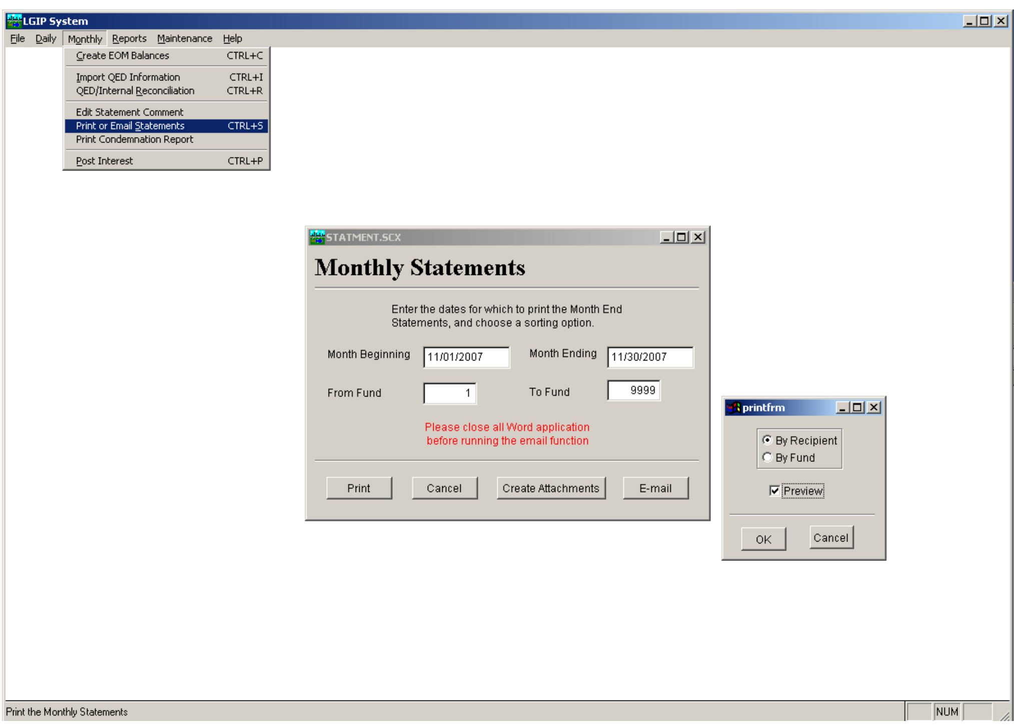
[RECNCILE]
Run Date : 01/14/2008

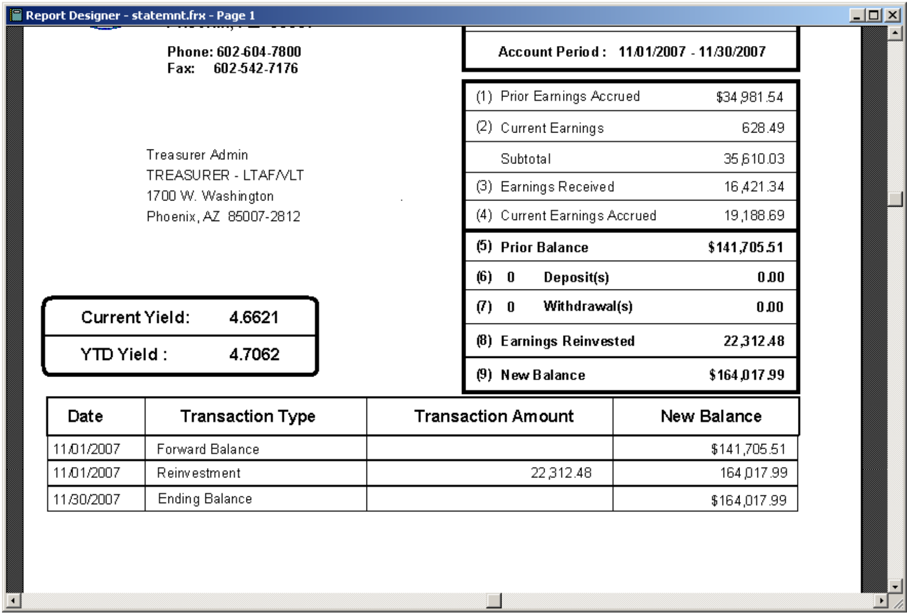
Fund #	Participant	QED Balance	Internal Balance	Difference
Pool # 5				
	SANTA CRUZ NUSD #1 LITIGA			$0.00
	PATAGONIA LF CLOSURE FUND			$0.00
	ARIZONA STATE UNIVERSITY			$0.00
	ST JOHNS BUILDINGS FUND			$0.00
	CHINO VALLEY WIFA RESERVE			$0.00
	CHINO VALLEY USDA RESERVE			$0.00
	CHINO VALLEY CM SEWER HOO			$0.00
	EL MIRAGE WIFA RESERVE FU			$0.00
	METRO WATER DIST DEBT SVC			$0.00
	EL MIRAGE GADA 2007 PROCE			$0.00
	SEDONA SERIES 2007 BOND P			$0.00
	FLAGSTAFF ASPEN SAWMILL C			$0.00
	METRO WATER DIST DEBT SVC			$0.00
	EL MIRAGE - CIP - STREET			$0.00
	AZ EMPLOYEES BENEFIT TRUS			$0.00
	AZ MUN RISK RETEN TRUST			$0.00
	AZ. COUNTIES RESEARCH FND			$0.00

Reconcile participant balances from QED to our LGIP system. Report is printed.

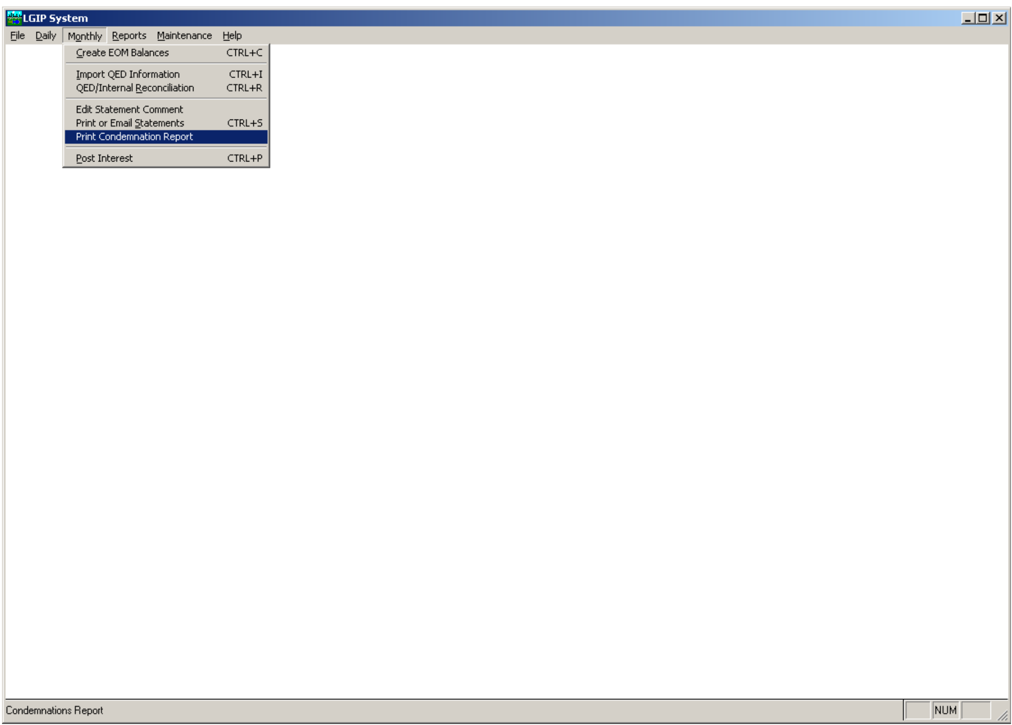


Record general comments to all participants via the statement of account.

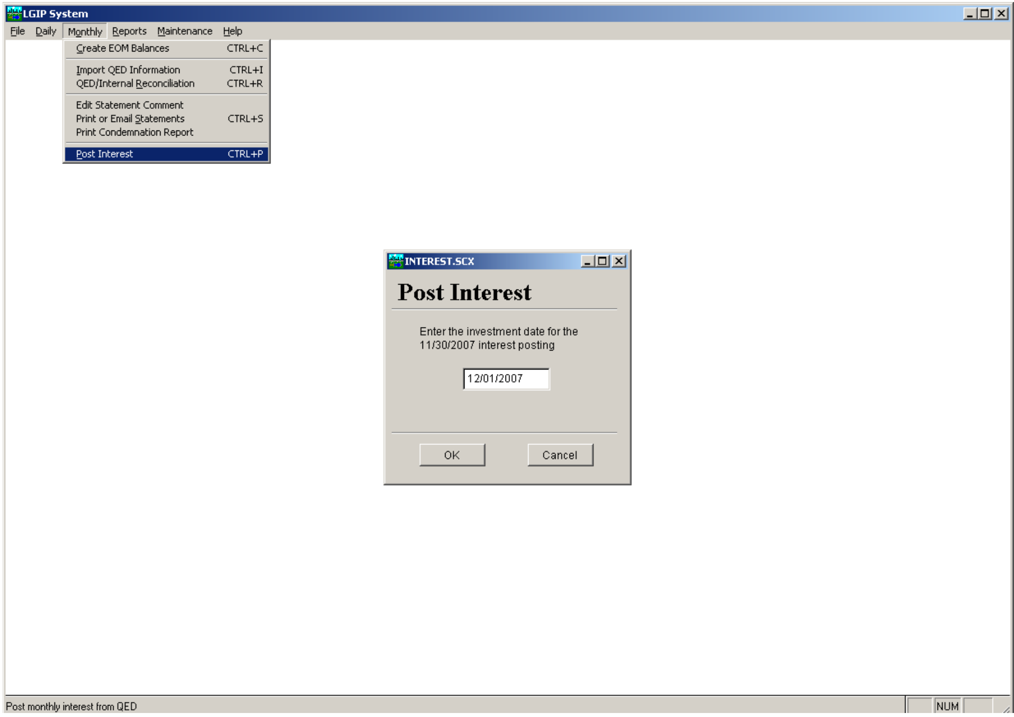


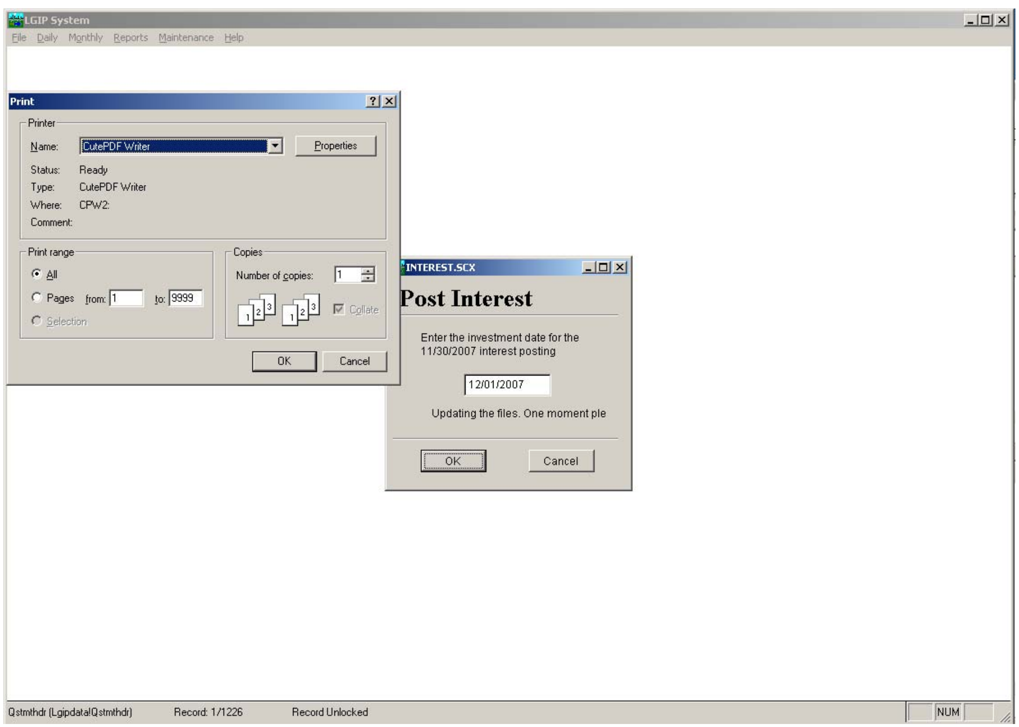


Print and email participant's statement of account.

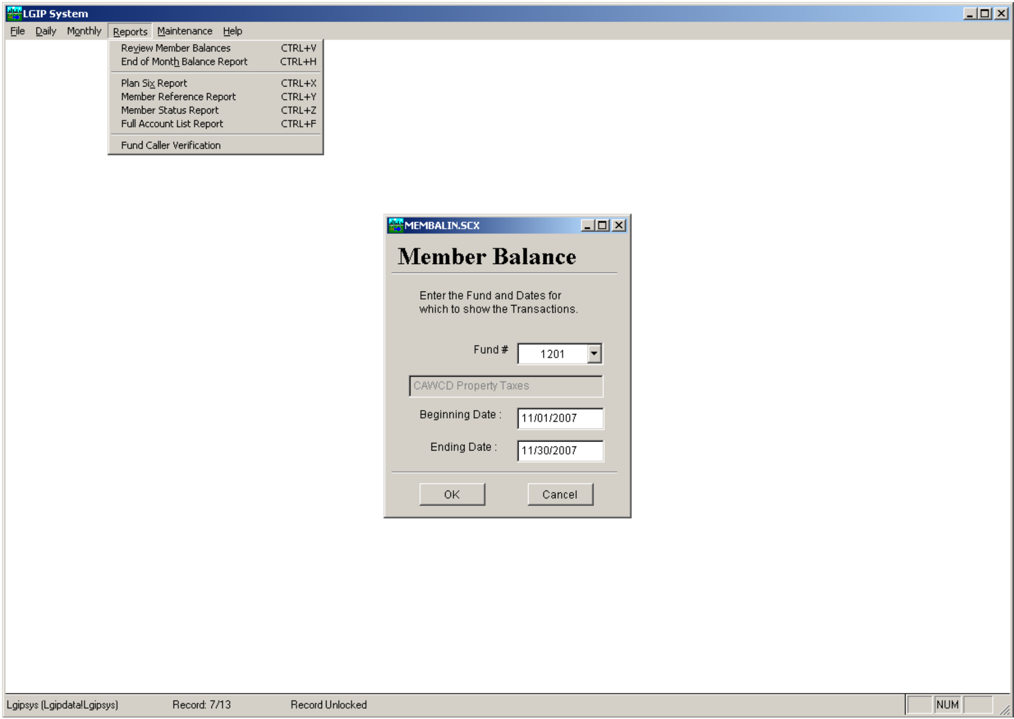


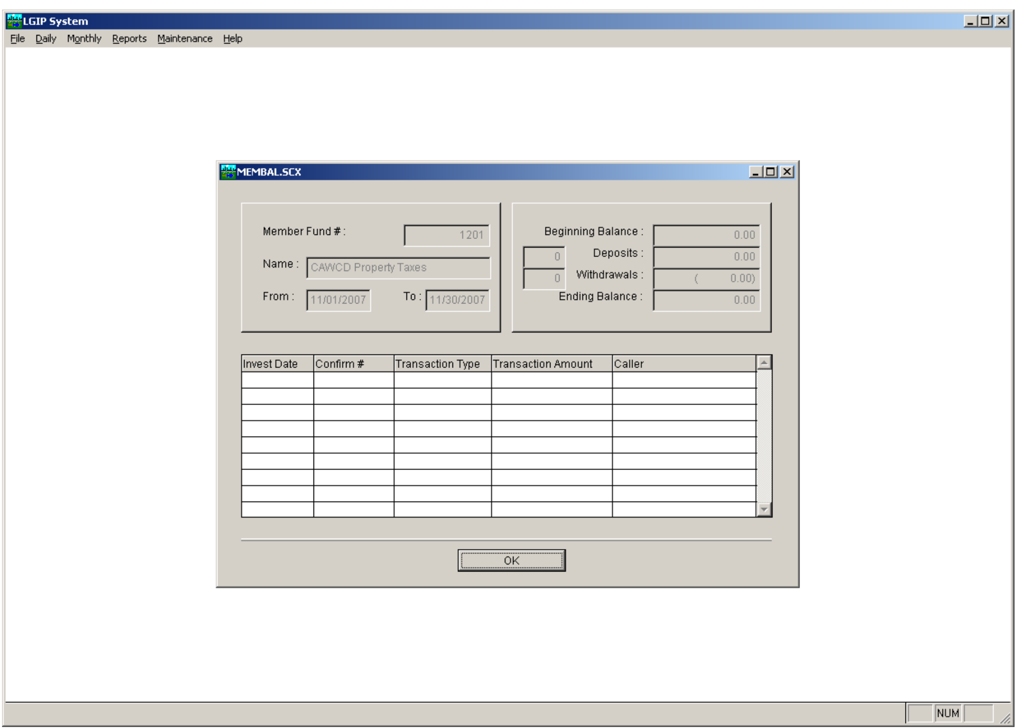
Print condemnation participant statement of accounts separately



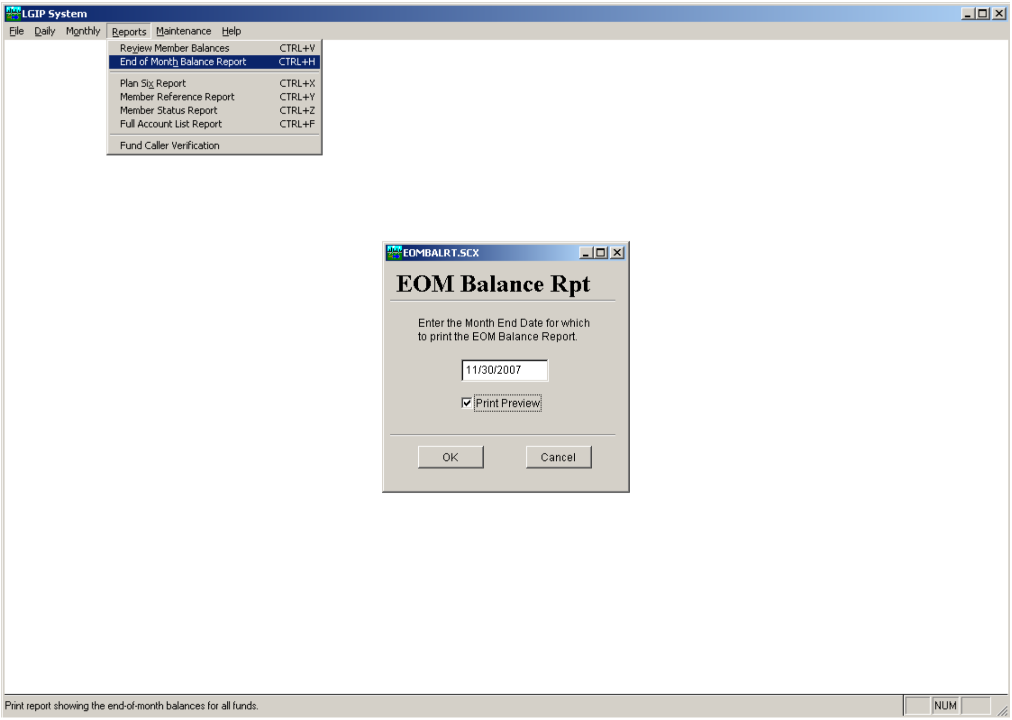


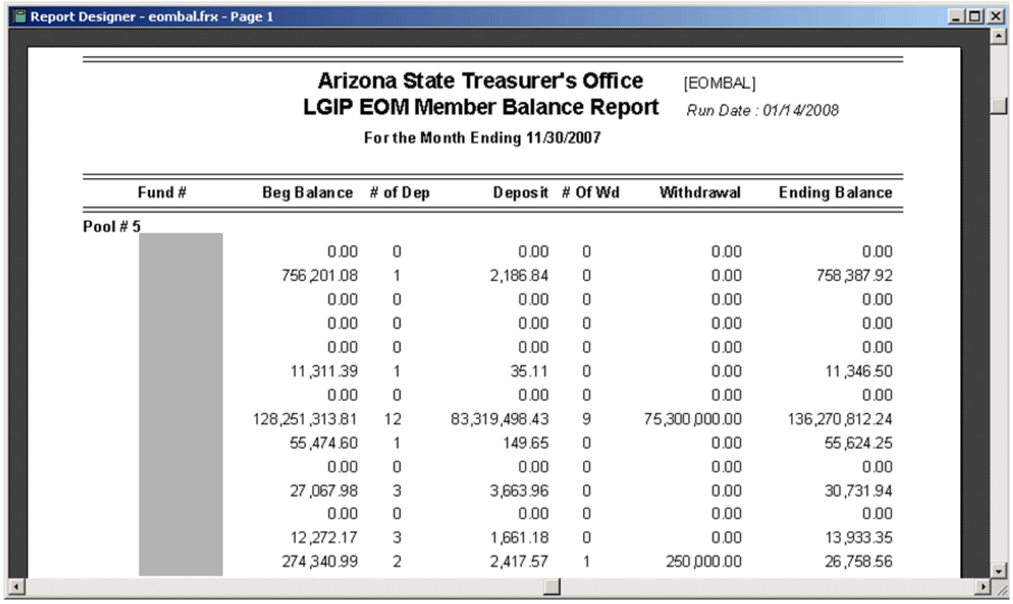
Post earnings distributed to LGIP system. This posting will be uploaded to USAS.



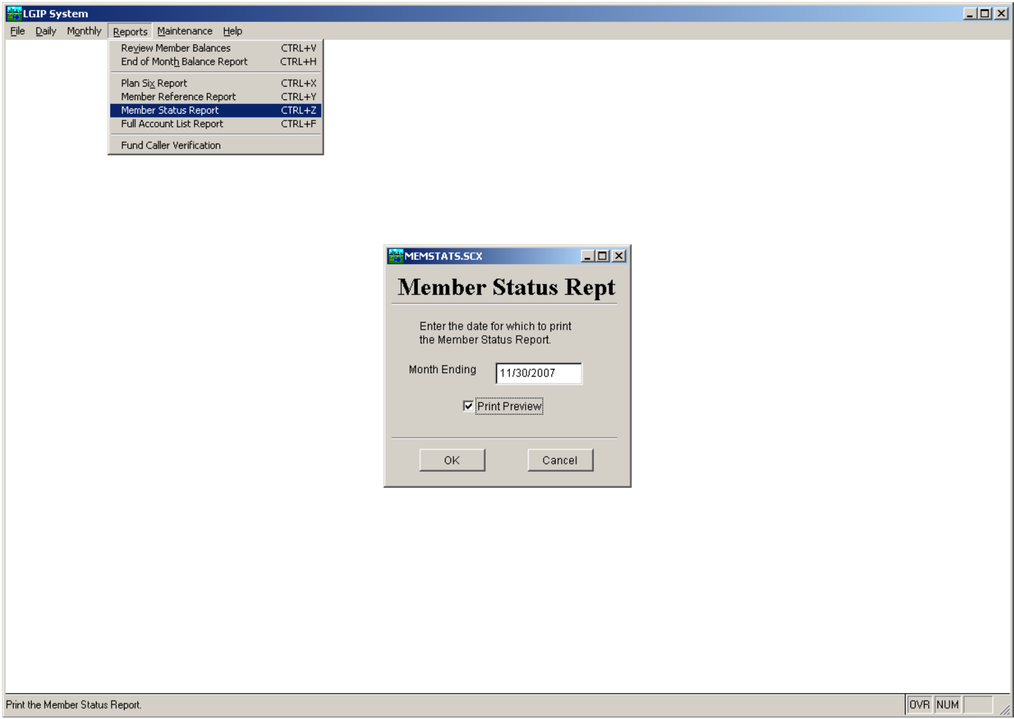


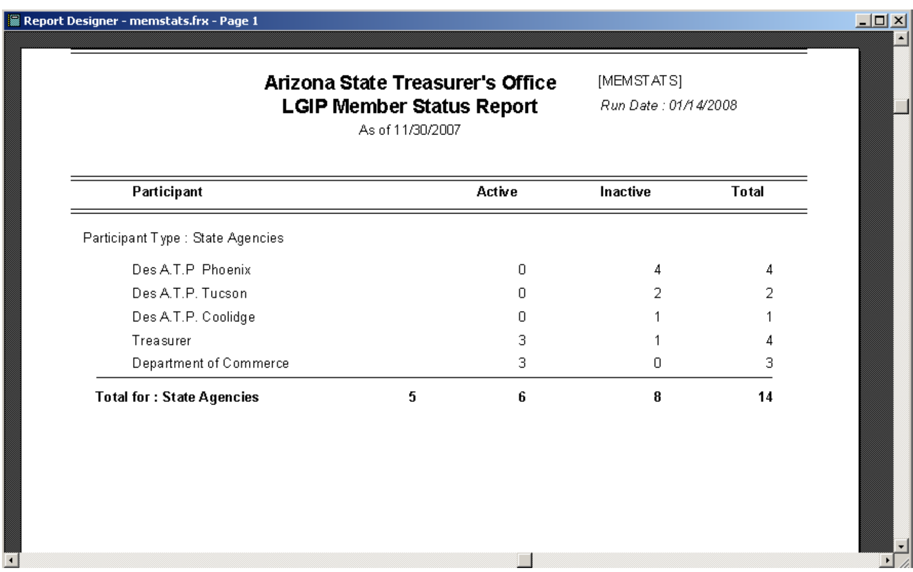
Used to check LGIP participant balances and transactions for any time period.



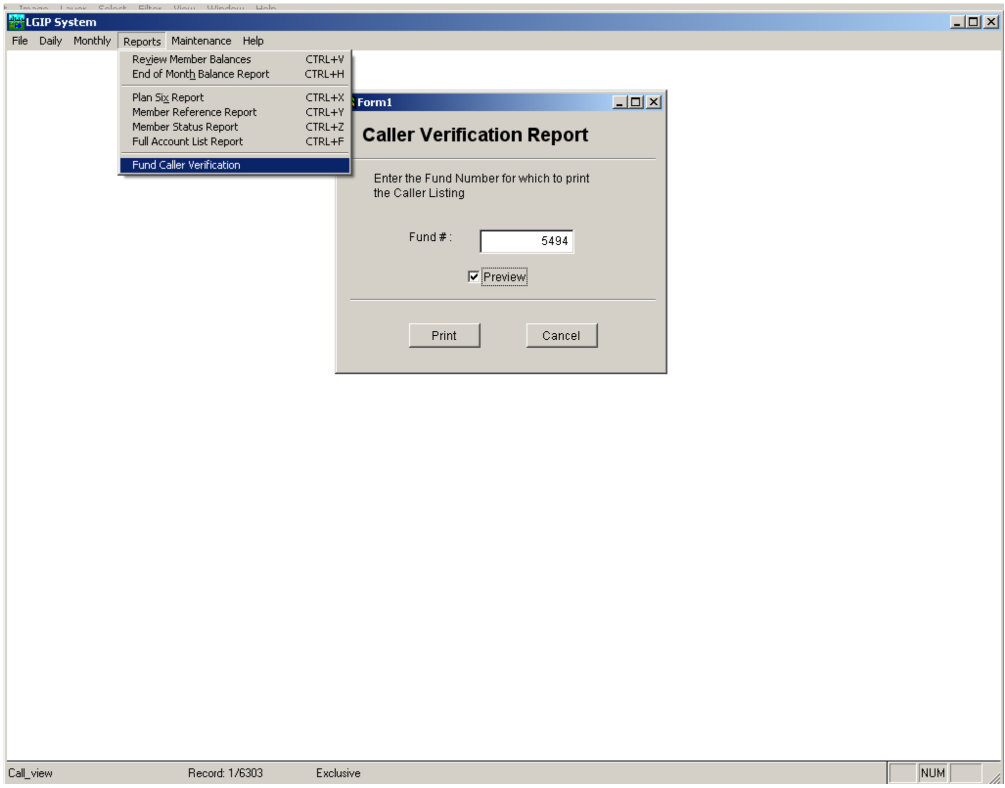


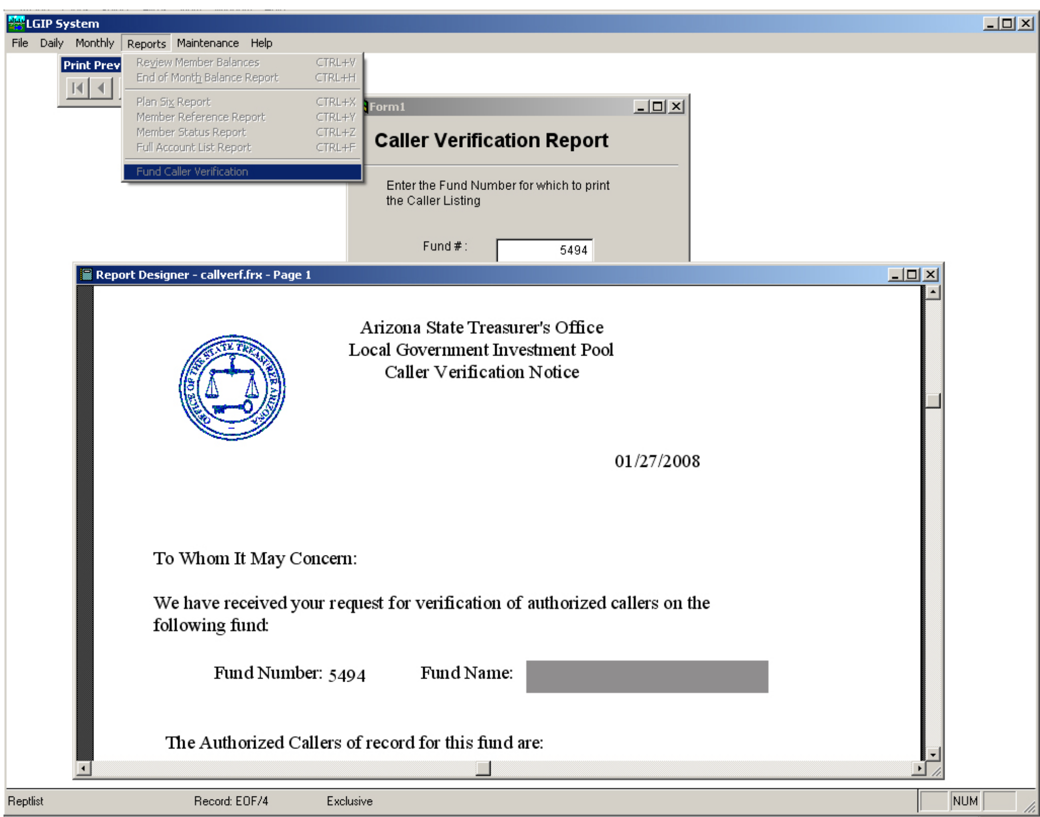
Report with all LGIP participants ending and beginning balances, net deposits and net withdrawals.





Report which shows all participants by city, county, agency, or other. Report shows summary of active and inactive participants' accounts.


LGIP System
File Daily Monthly Reports Maintenance Help
Review Member Balances CTRL+V
End of Month Balance Report CTRL+H
Plan Six Report CTRL+X
Member Reference Report CTRL+Y
Member Status Report CTRL+Z
Full Account List Report CTRL+F
Fund Caller Verification
Form1
Caller Verification Report
Enter the Fund Number for which to print the Caller Listing
Fund # : 5494
Preview
Print
Cancel
Call_view
Record: 1/6303
Exclusive
NUM


LGIP System
File Daily Monthly Reports Maintenance Help
Print Prev
Review Member Balances CTRL+V
End of Month Balance Report CTRL+H
Plan Six Report CTRL+X
Member Reference Report CTRL+Y
Member Status Report CTRL+Z
Full Account List Report CTRL+F
Fund Caller Verification
Form1
Caller Verification Report
Enter the Fund Number for which to print the Caller Listing
Fund # : 5494
Report Designer - callverf.frx - Page 1
Arizona State Treasurer's Office
Local Government Investment Pool
Caller Verification Notice
01/27/2008
To Whom It May Concern:
We have received your request for verification of authorized callers on the following fund:
Fund Number: 5494
Fund Name:
The Authorized Callers of record for this fund are:
Reptlist
Record: EOF/4
Exclusive
NUM

Produces report showing authorized callers by individual LGIP participant account.

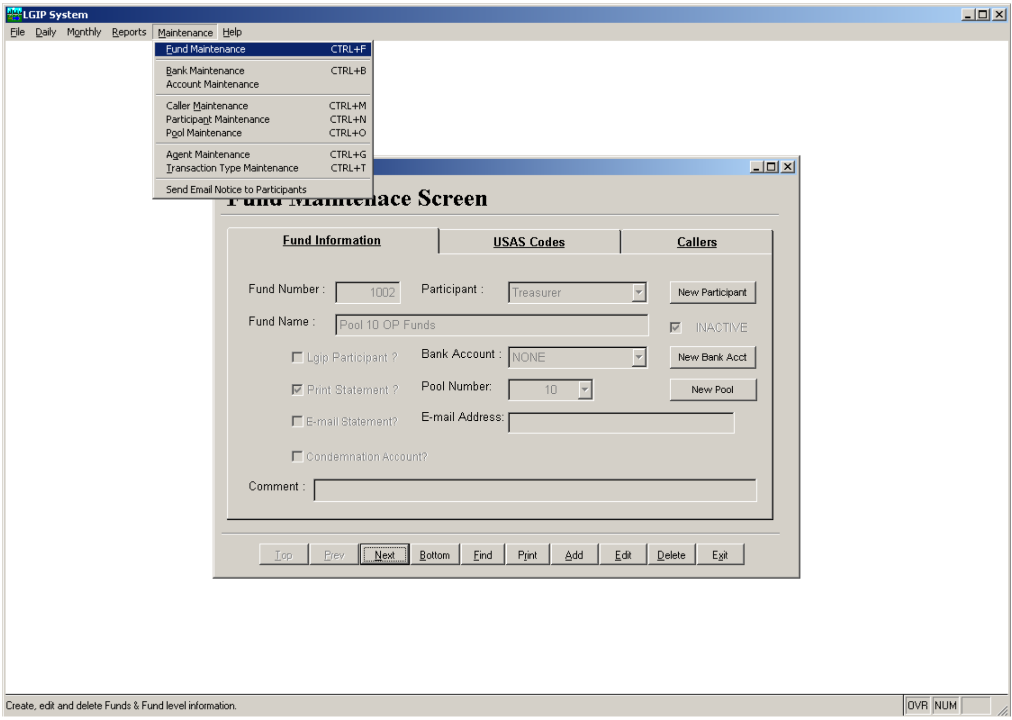


Table containing account numbers of all participants, relevant banking information, USAS, callers, etc.

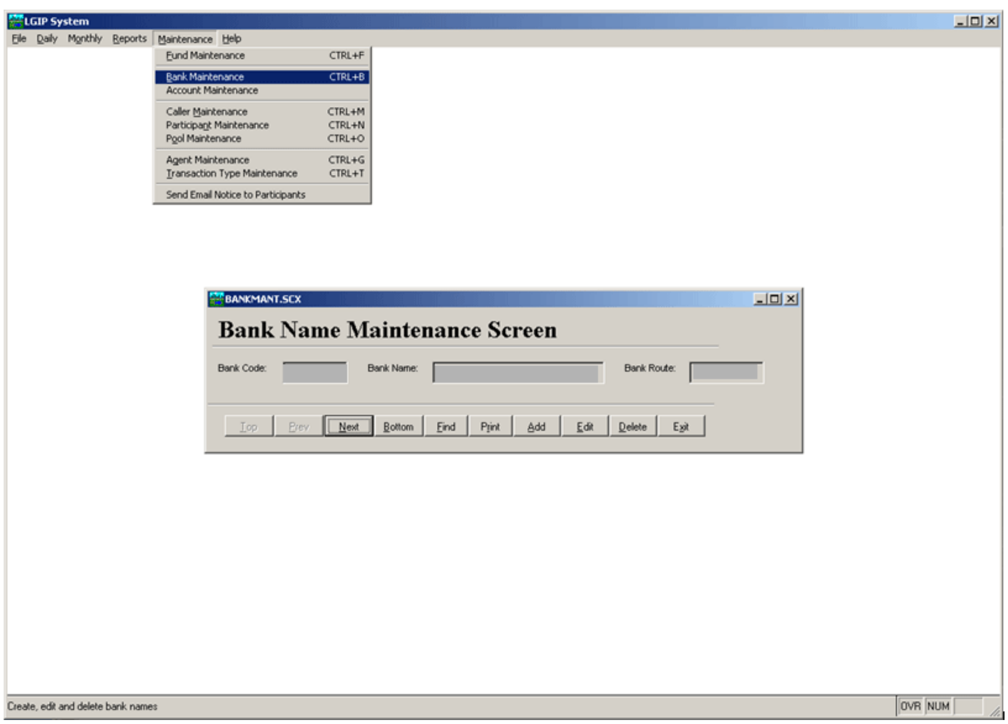


Table for banks in which we wire monies to for the LGIP participants.

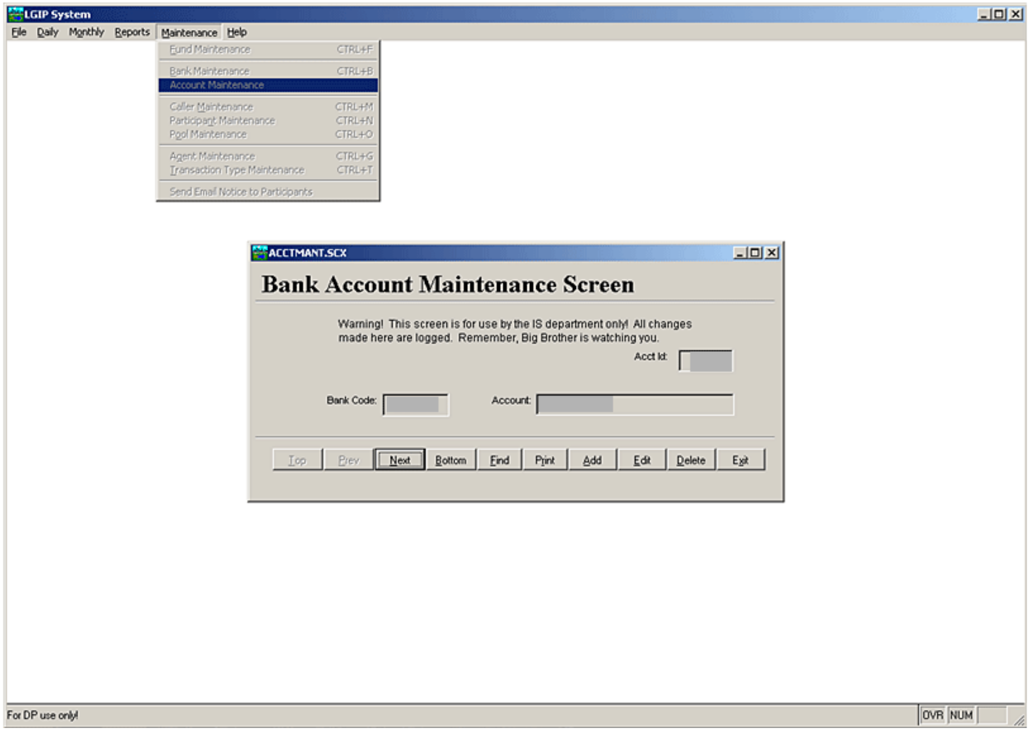


Table for bank account numbers in which we wire monies to for the LGIP participants. Table based on repetitive wire codes. When new account added, the next wire code number not in use is assigned.

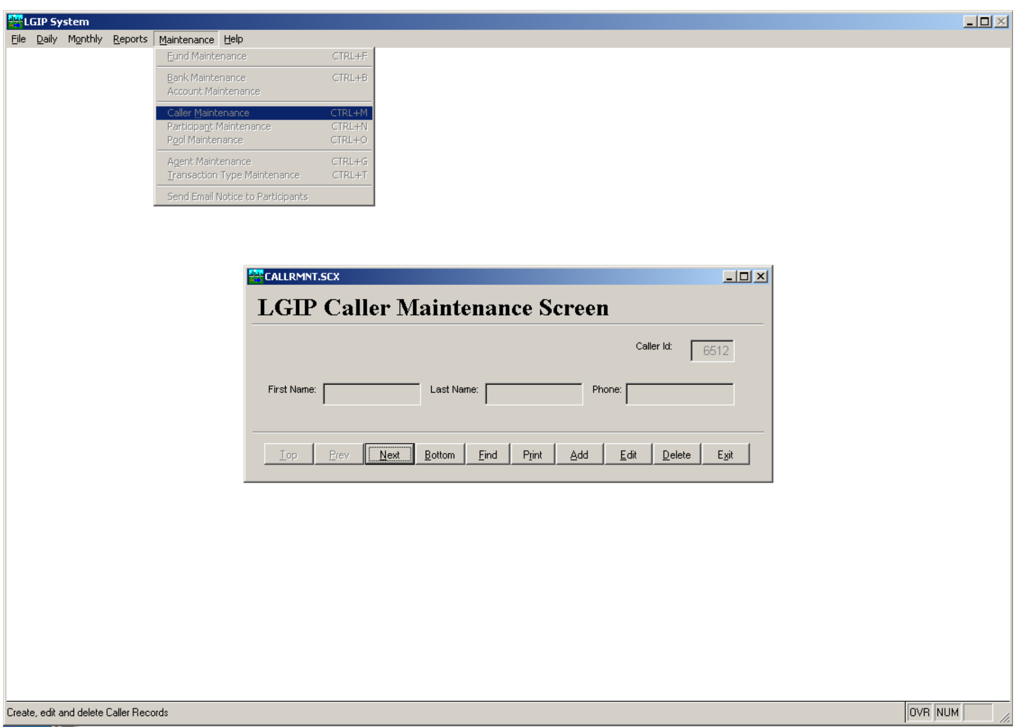


Table for authorized callers for LGIP accounts.

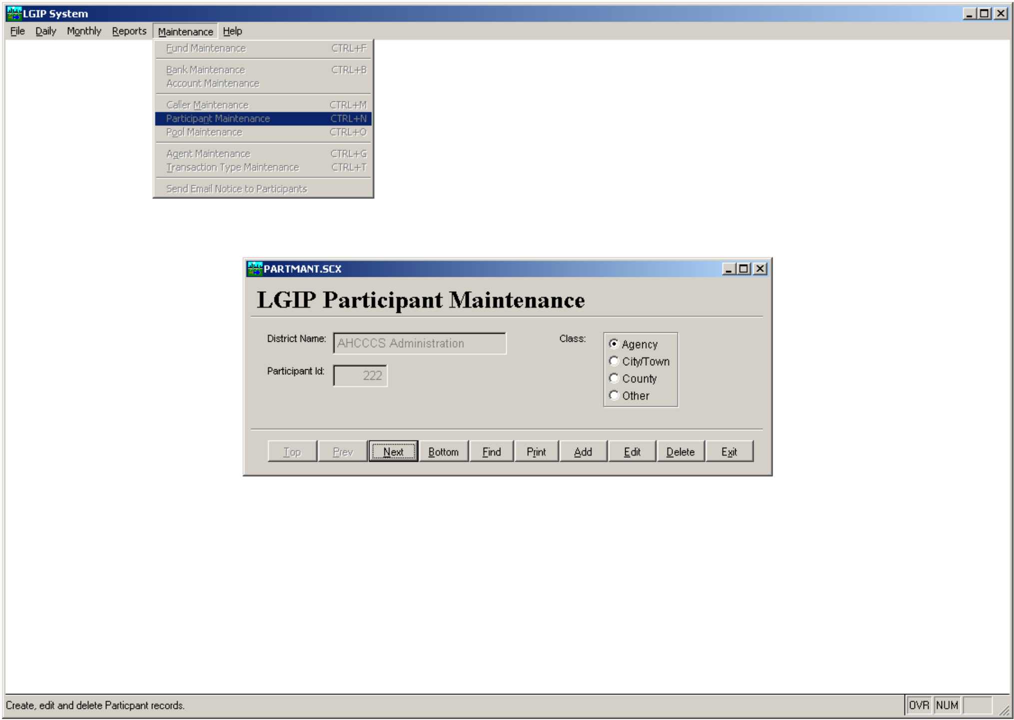


Table for participants (whether they are a city, county, agency, or other).

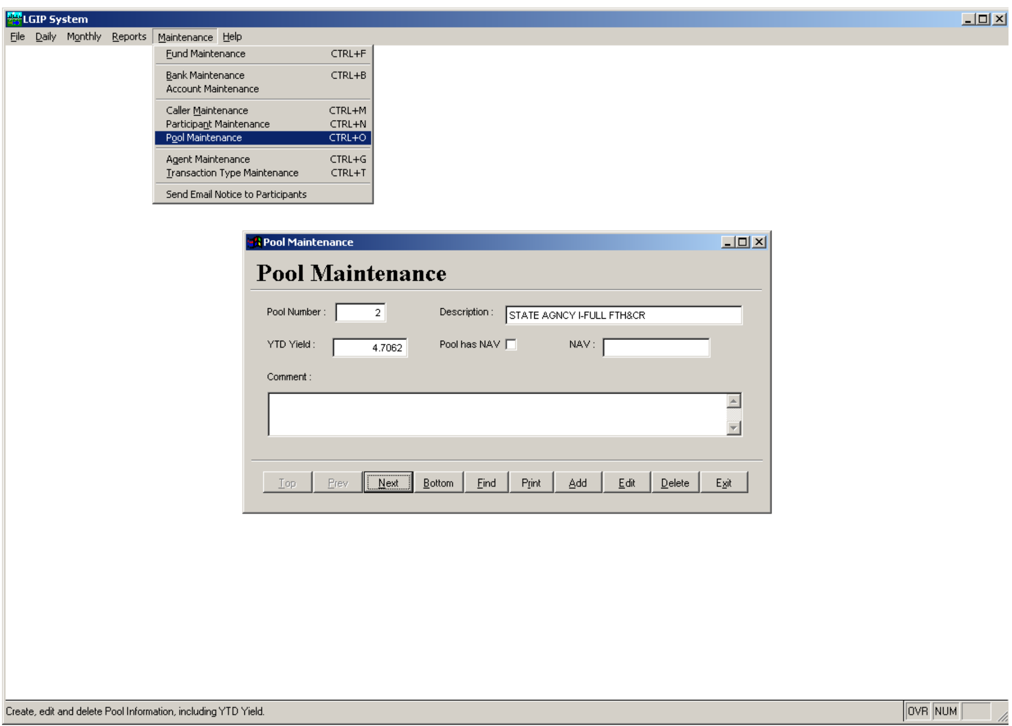
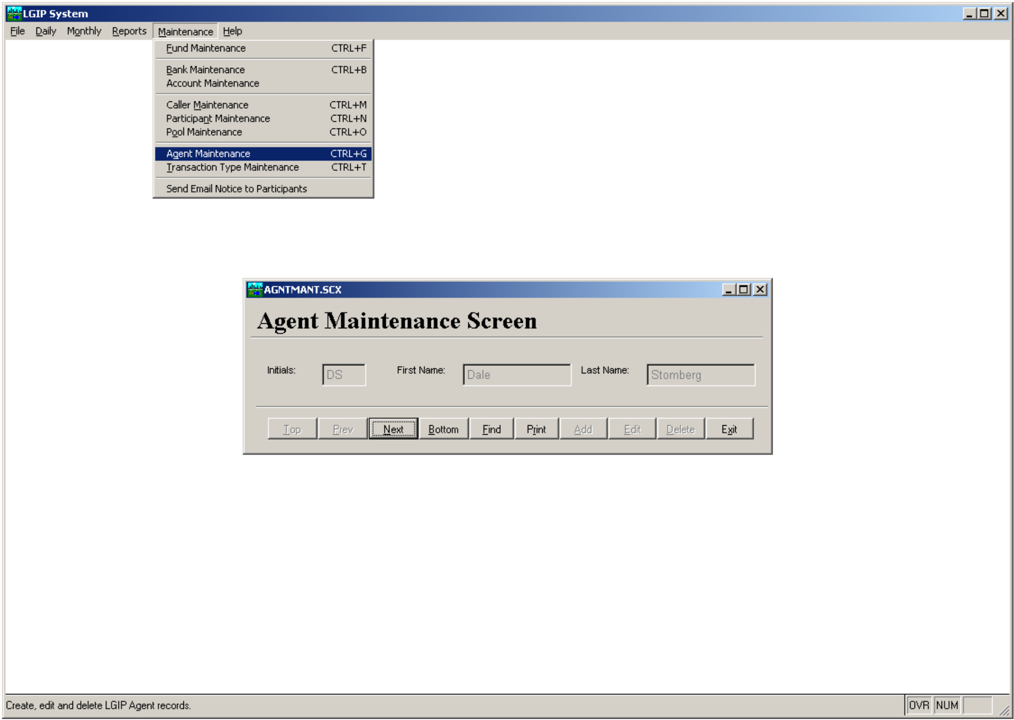


Table for Non-Endowment pools. (Pools in which our participants invest monies in)



State Treasurer's Office agents authorized to do LGIP transactions. (Table is read-only)

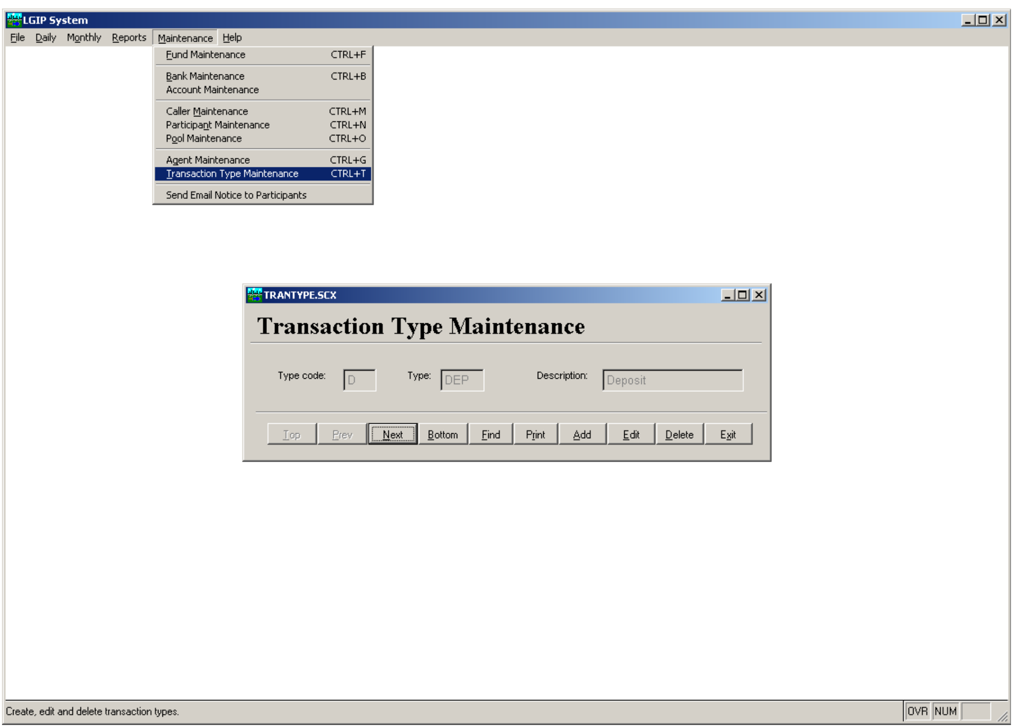
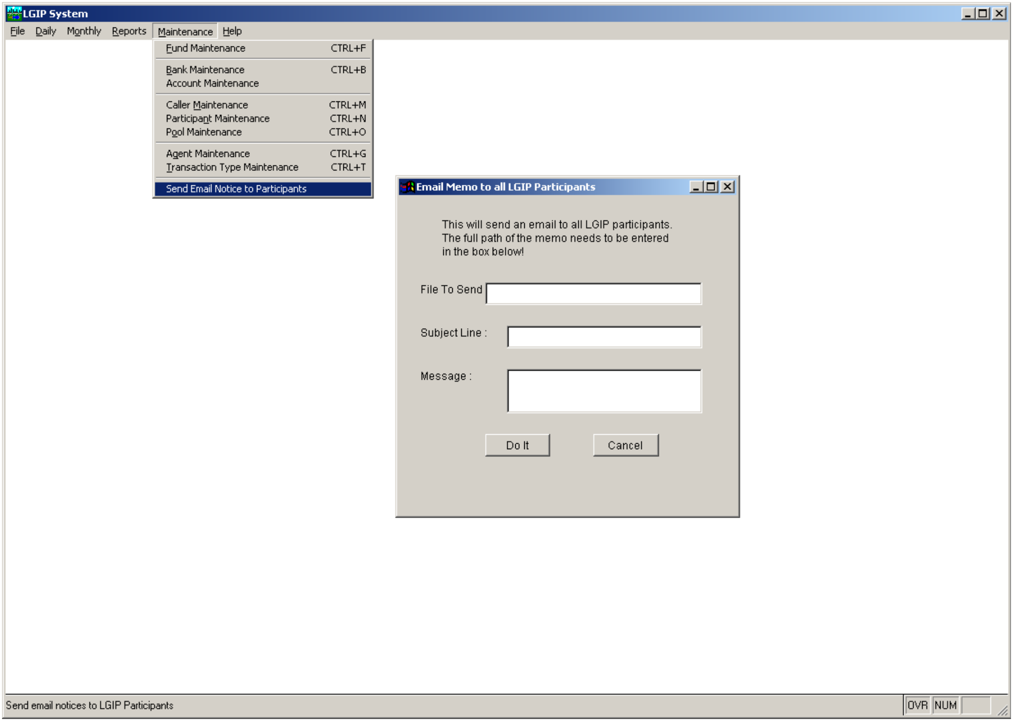
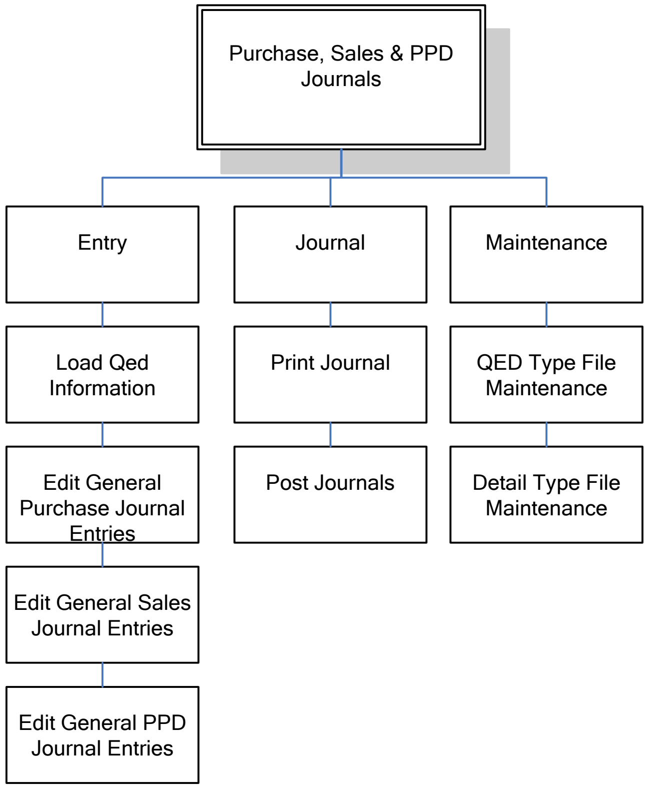
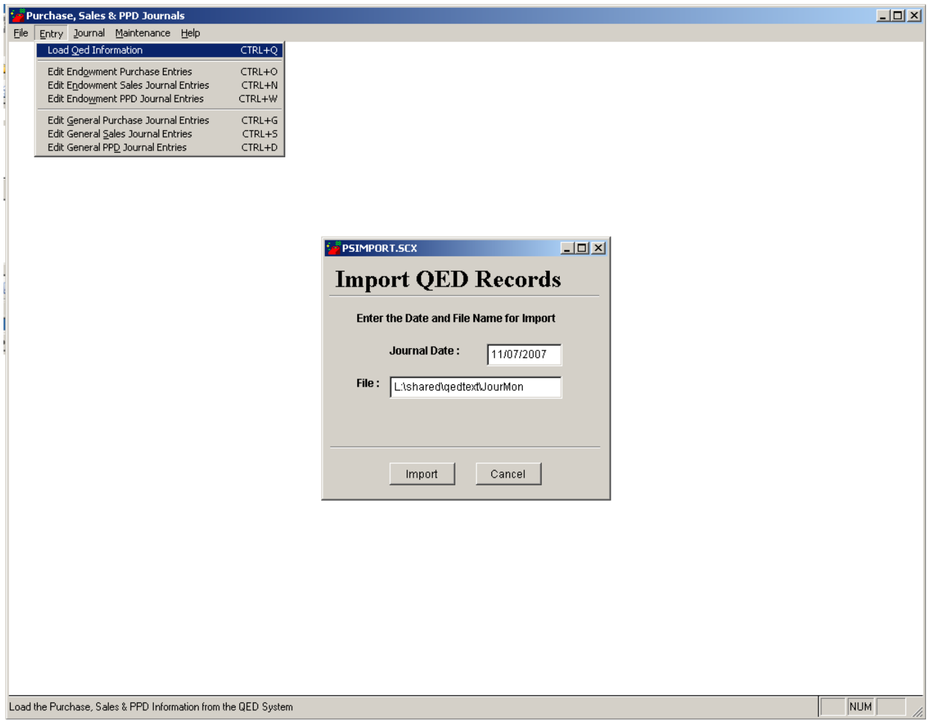


Table for types of transactions. (Deposit, withdrawal, etc) - used in the LGIP Transaction Entry Screen.

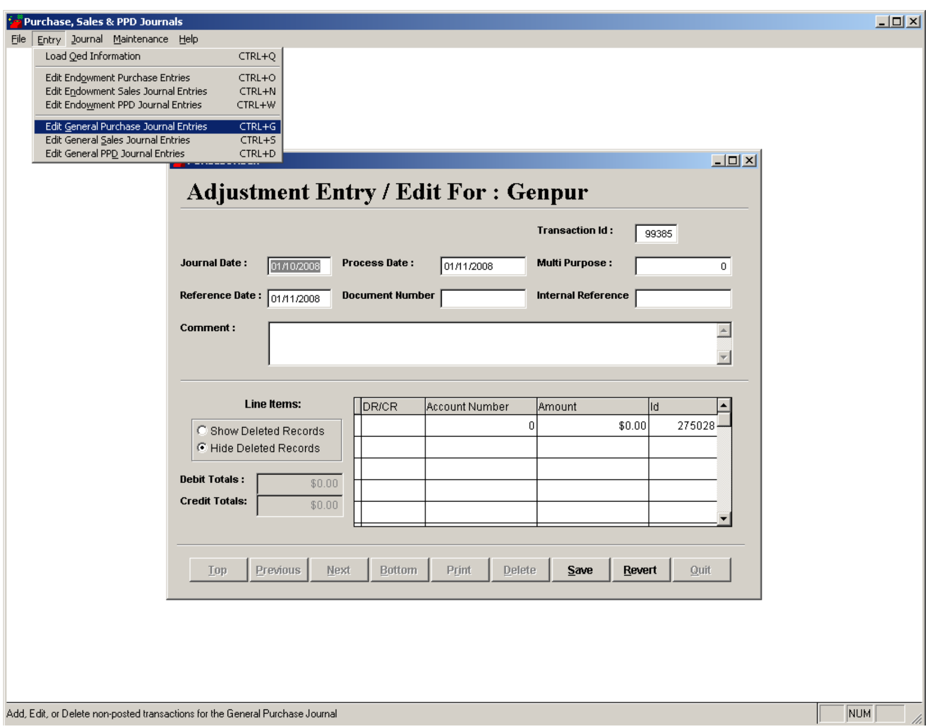


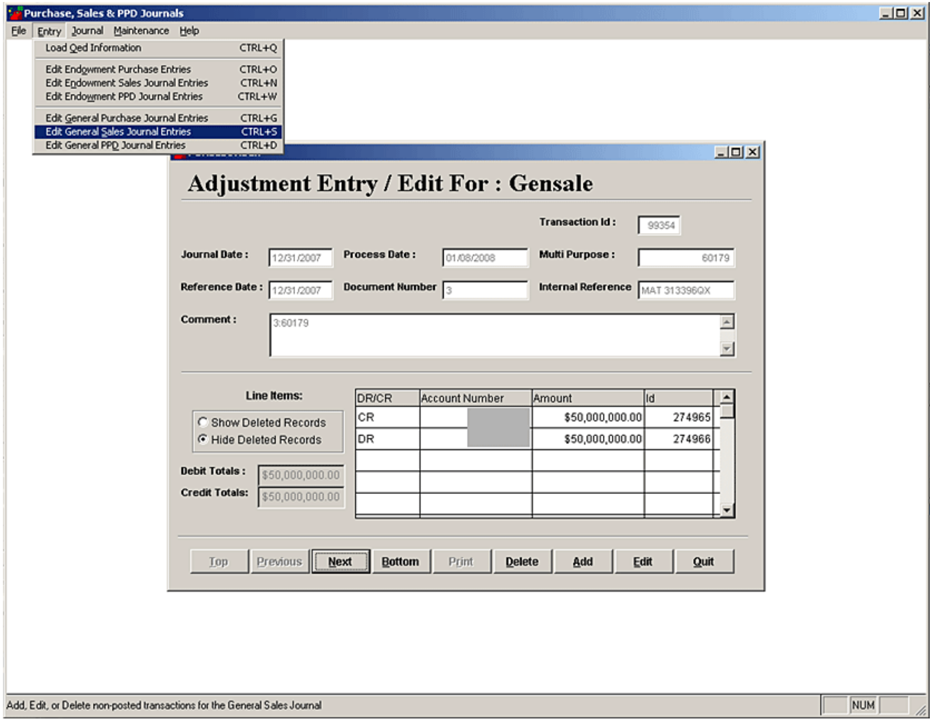
Send message to all participants shown in fund maintenance which have email addresses.

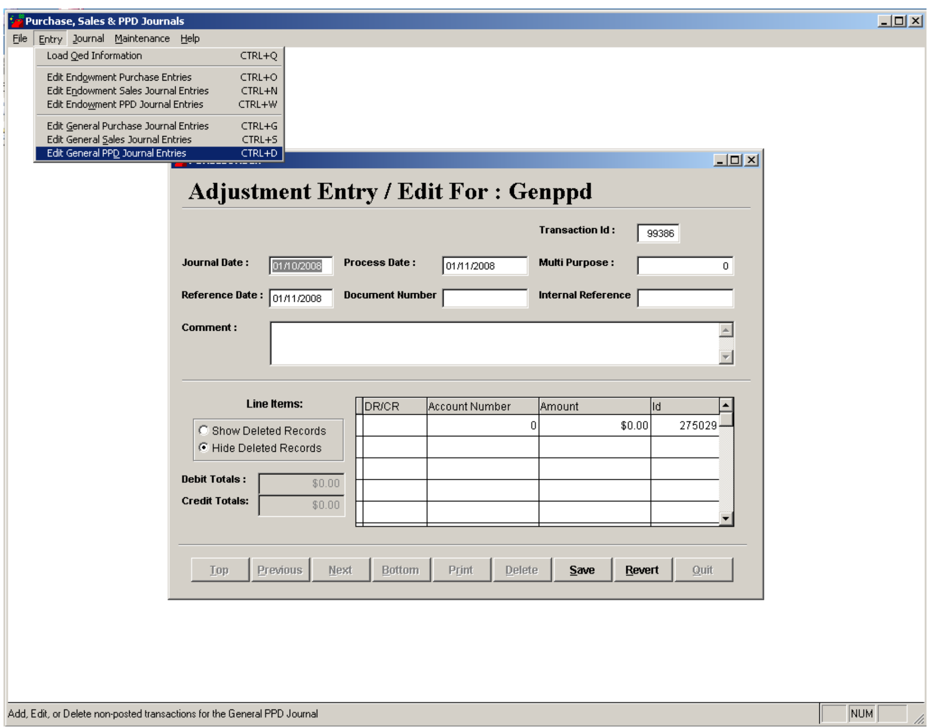

Purchase, Sales & PPD Journals
Entry
Journal
Maintenance
Load Qed Information
Print Journal
QED Type File Maintenance
Edit General Purchase Journal Entries
Post Journals
Detail Type File Maintenance
Edit General Sales Journal Entries
Edit General PPD Journal Entries



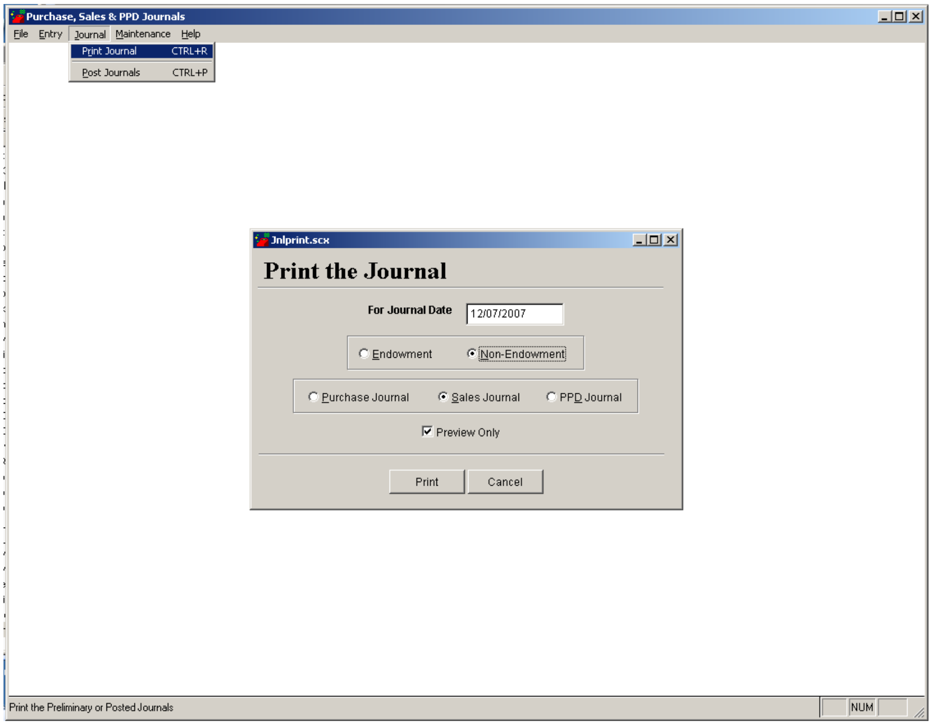
Import data from QED file for daily Purchases, Sales and Pay down journals. This data will be used to post the daily activity for investment transactions (Maturities, interest, principal pay downs, calls and purchases) for our non-endowment portfolio to the General Ledger.

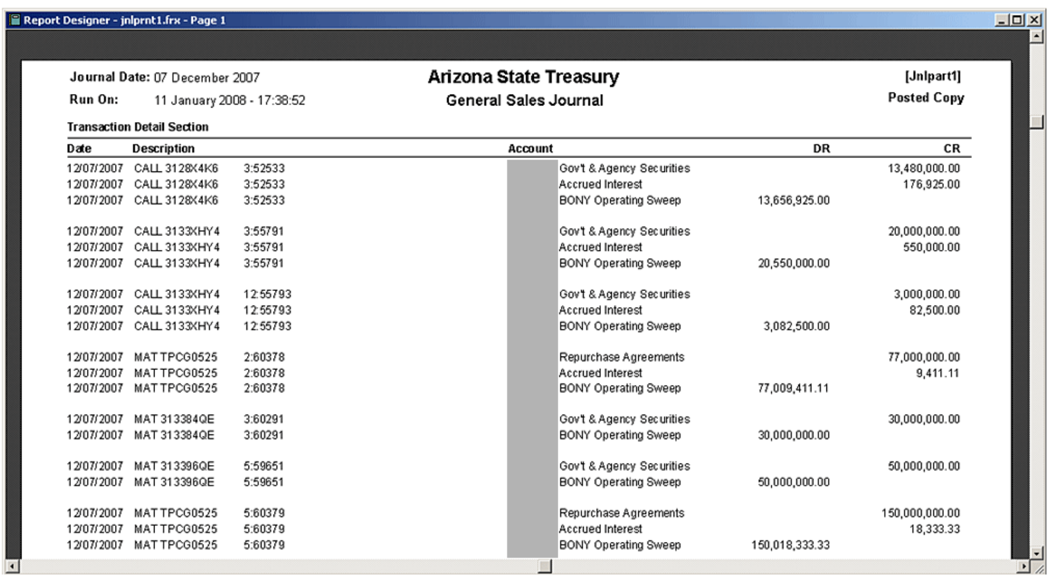






Edit QED journal information upload if required. Data is matched against the bank statement from BNY Mellon (by totals) and if something was not changed in QED (in error), these screens are used to make changes (add or edit).



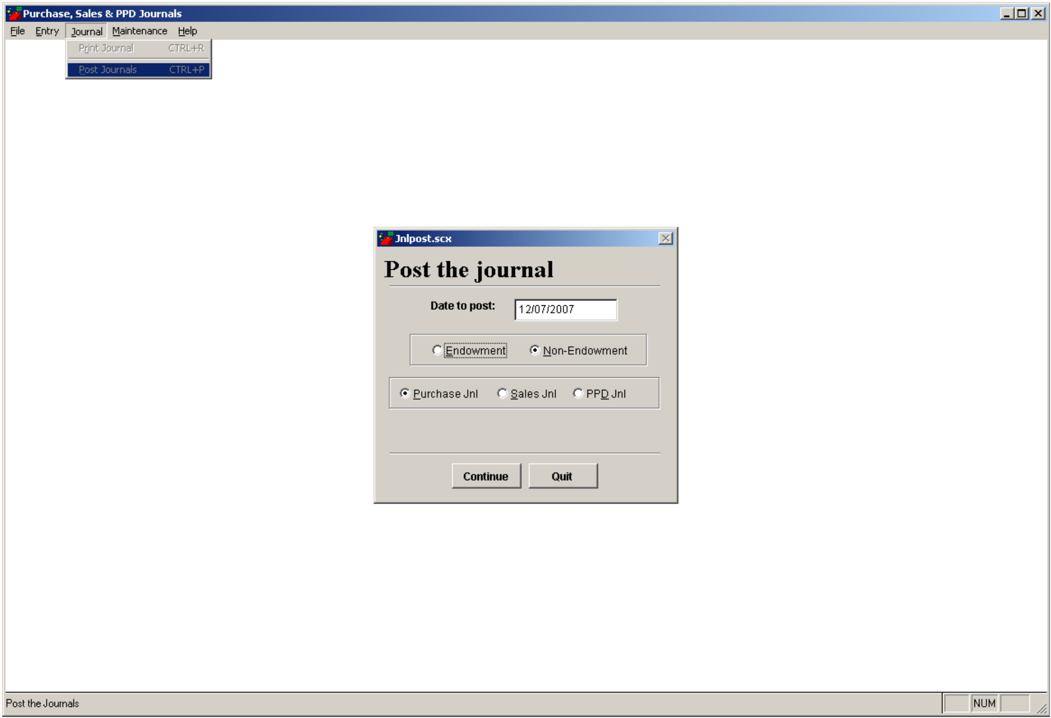

Report Designer - jnlprnt1.frx - Page 1

Journal Date: 07 December 2007 — **Arizona State Treasury** — [Jnlpart1]
Run On: 11 January 2008 - 17:38:52 — **General Sales Journal** — **Posted Copy**

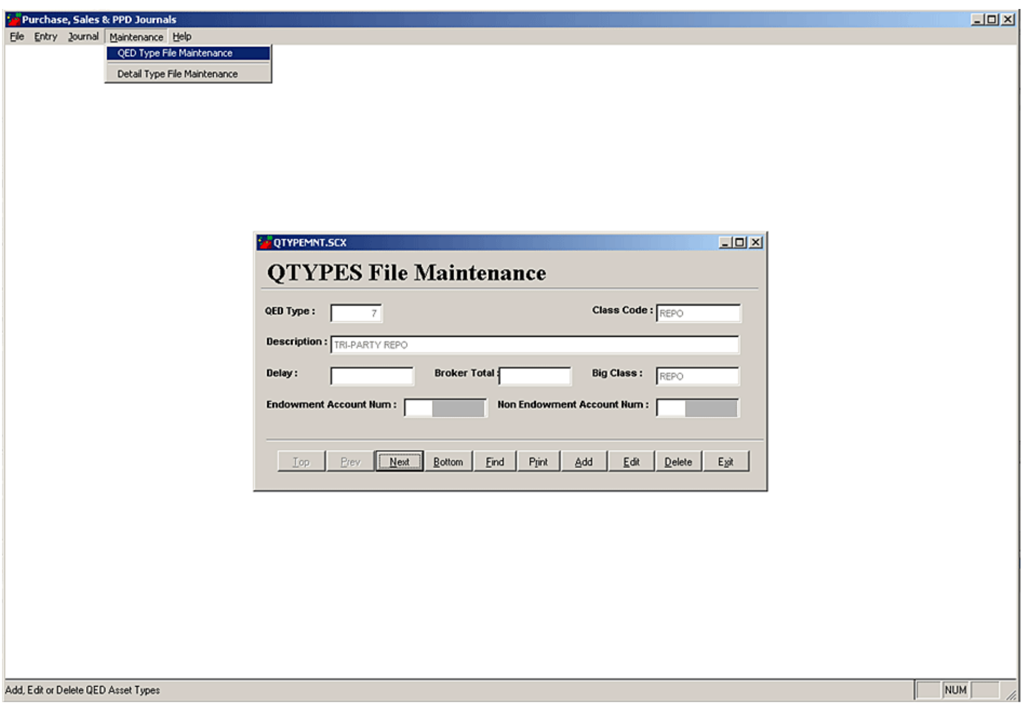
Transaction Detail Section

Date	Description		Account	DR	CR
12/07/2007	CALL 3128X4K6	3:52533	Gov't & Agency Securities		13,480,000.00
12/07/2007	CALL 3128X4K6	3:52533	Accrued Interest		176,925.00
12/07/2007	CALL 3128X4K6	3:52533	BONY Operating Sweep	13,656,925.00	
12/07/2007	CALL 3133XHY4	3:55791	Gov't & Agency Securities		20,000,000.00
12/07/2007	CALL 3133XHY4	3:55791	Accrued Interest		550,000.00
12/07/2007	CALL 3133XHY4	3:55791	BONY Operating Sweep	20,550,000.00	
12/07/2007	CALL 3133XHY4	12:55793	Gov't & Agency Securities		3,000,000.00
12/07/2007	CALL 3133XHY4	12:55793	Accrued Interest		82,500.00
12/07/2007	CALL 3133XHY4	12:55793	BONY Operating Sweep	3,082,500.00	
12/07/2007	MAT TPCG0525	2:60378	Repurchase Agreements		77,000,000.00
12/07/2007	MAT TPCG0525	2:60378	Accrued Interest		9,411.11
12/07/2007	MAT TPCG0525	2:60378	BONY Operating Sweep	77,009,411.11	
12/07/2007	MAT 313384QE	3:60291	Gov't & Agency Securities		30,000,000.00
12/07/2007	MAT 313384QE	3:60291	BONY Operating Sweep	30,000,000.00	
12/07/2007	MAT 313396QE	5:59651	Gov't & Agency Securities		50,000,000.00
12/07/2007	MAT 313396QE	5:59651	BONY Operating Sweep	50,000,000.00	
12/07/2007	MAT TPCG0525	5:60379	Repurchase Agreements		150,000,000.00
12/07/2007	MAT TPCG0525	5:60379	Accrued Interest		18,333.33
12/07/2007	MAT TPCG0525	5:60379	BONY Operating Sweep	150,018,333.33	

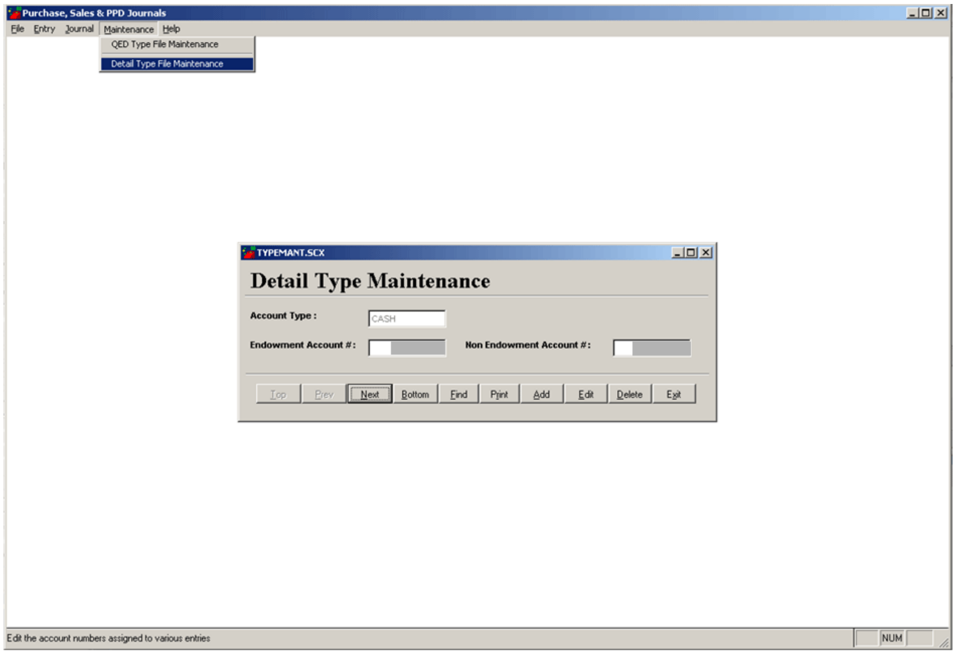
Print daily general sales, purchases, and pay down journals. Totals are checked to daily BNY Mellon Bank statement for accuracy.



Post daily journals after amounts are verified against BNY Mellon bank statements. These entries are then uploaded to our internal general ledger and then to USAS.

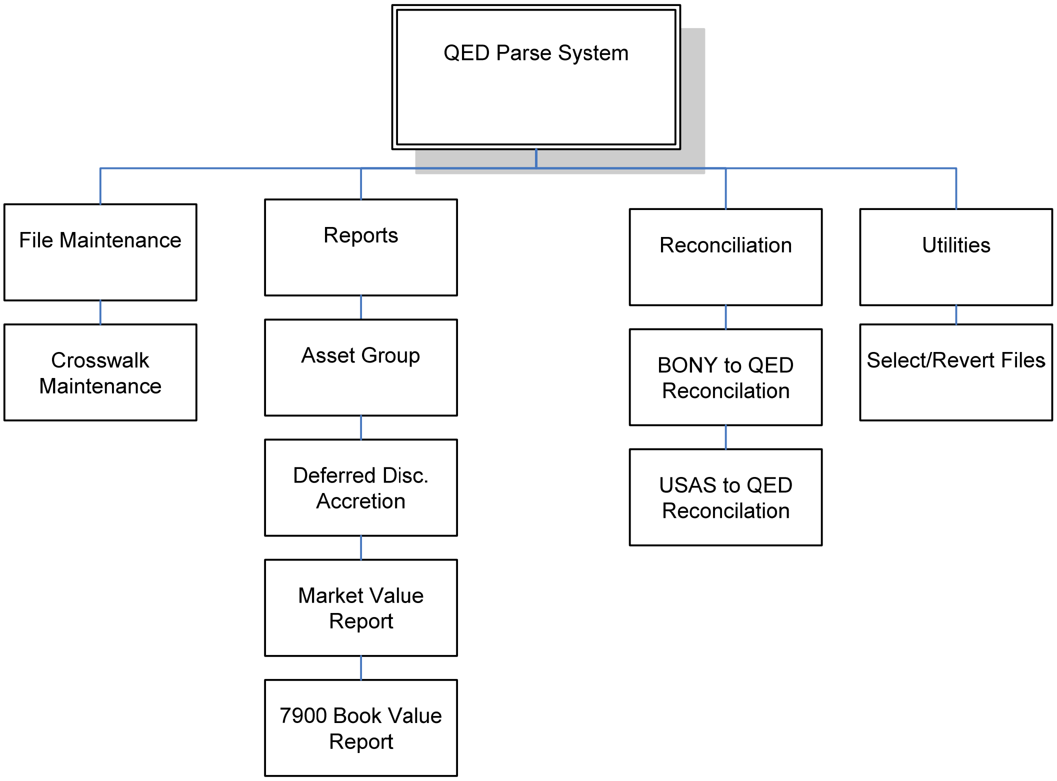


This table is used to enter QED asset type data (table) which designates what general ledger accounts to use for this asset type's transaction.



This table is used for premium, discount, purchased interest, interest, gain & loss, and cash general ledger accounts. These General ledger account numbers are not based on asset type transactions, but on a formula/calculation using certain data fields from the uploaded QED file.

Arizona State Treasurer's Office
FMS RFI



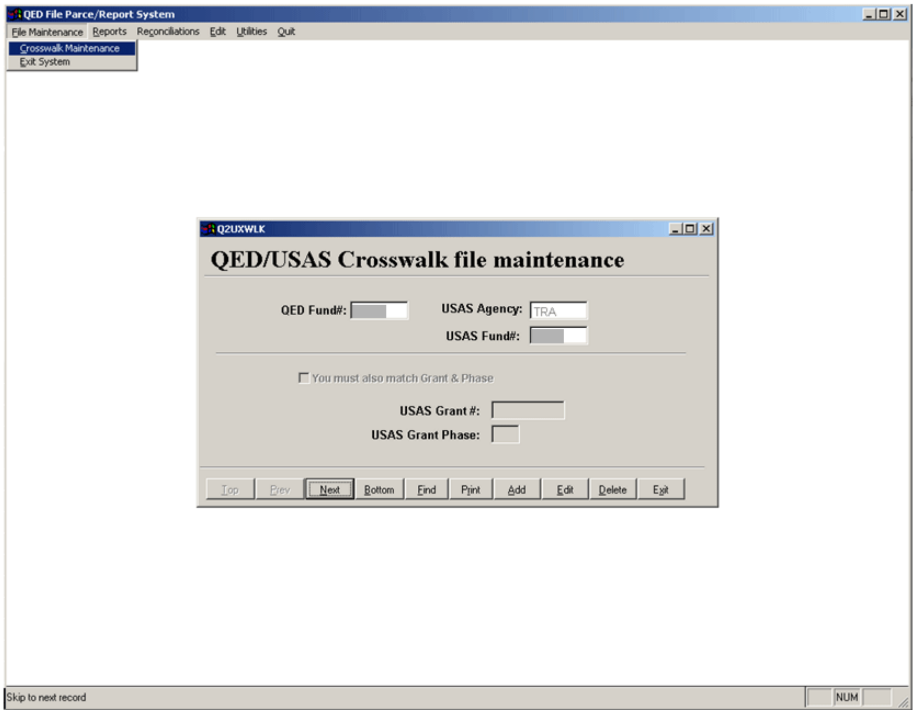
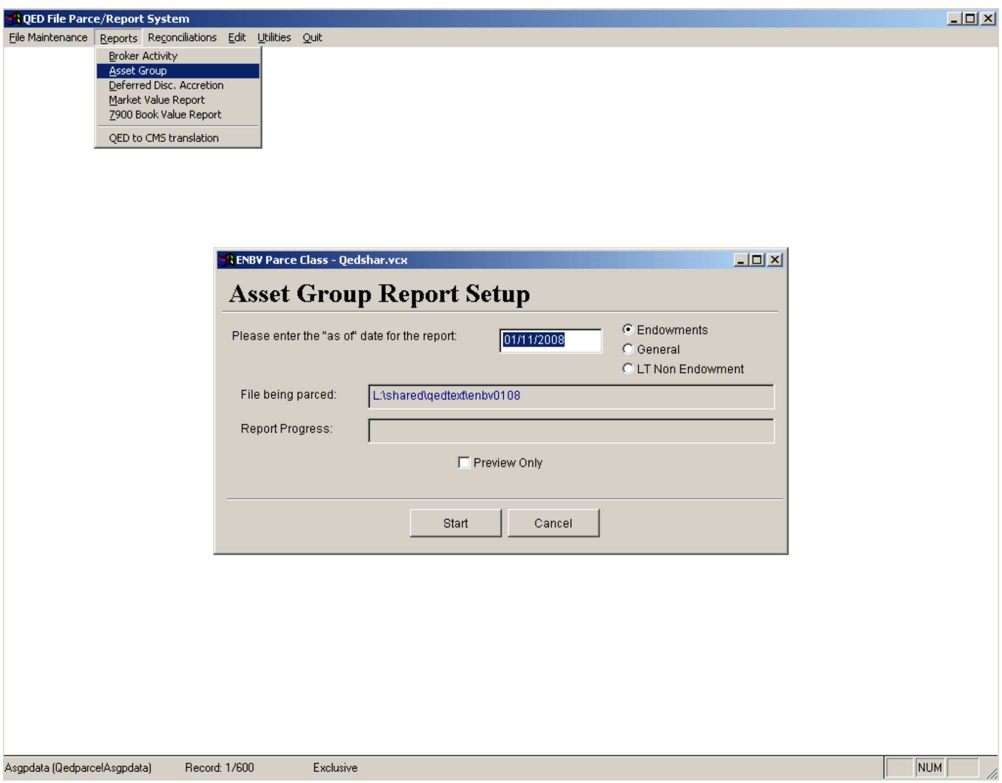
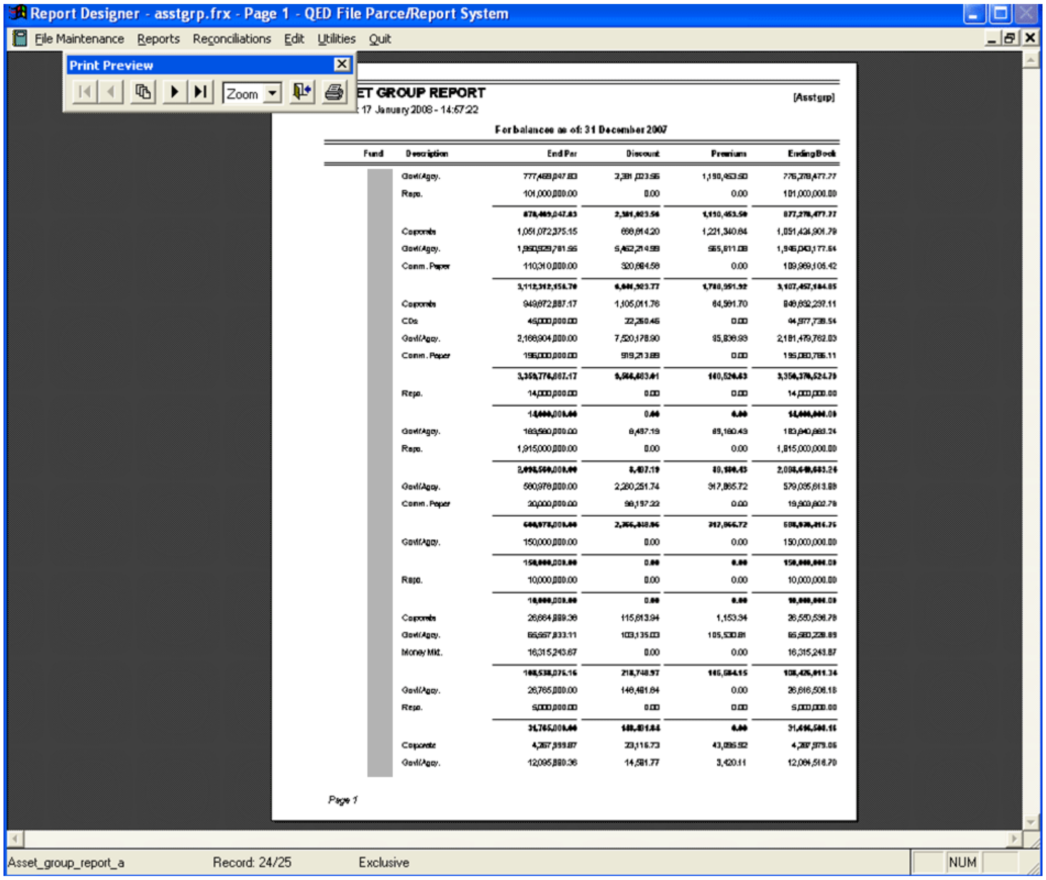
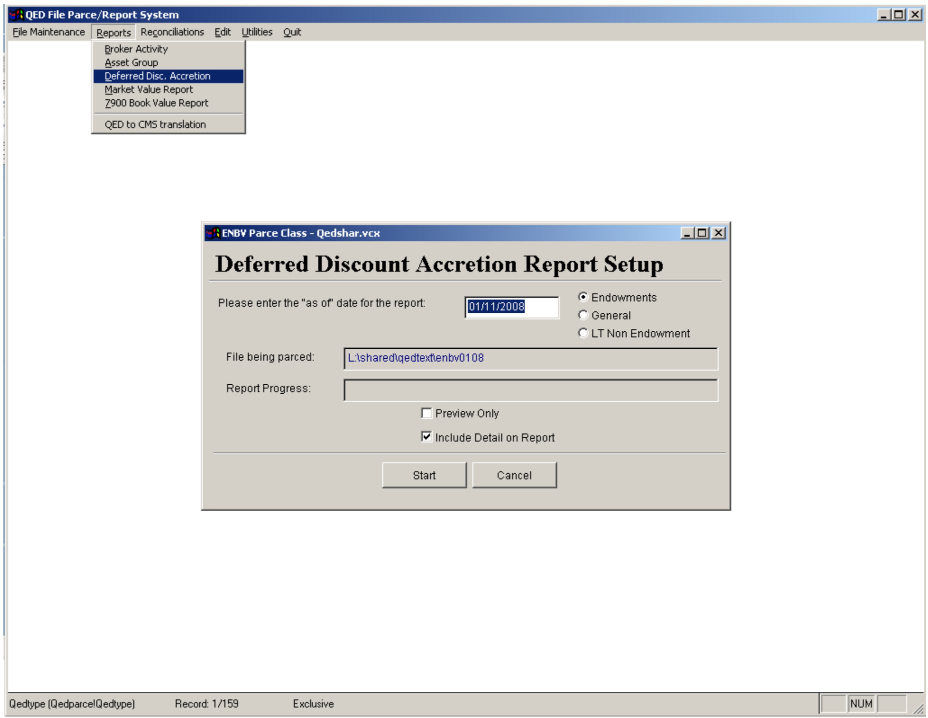


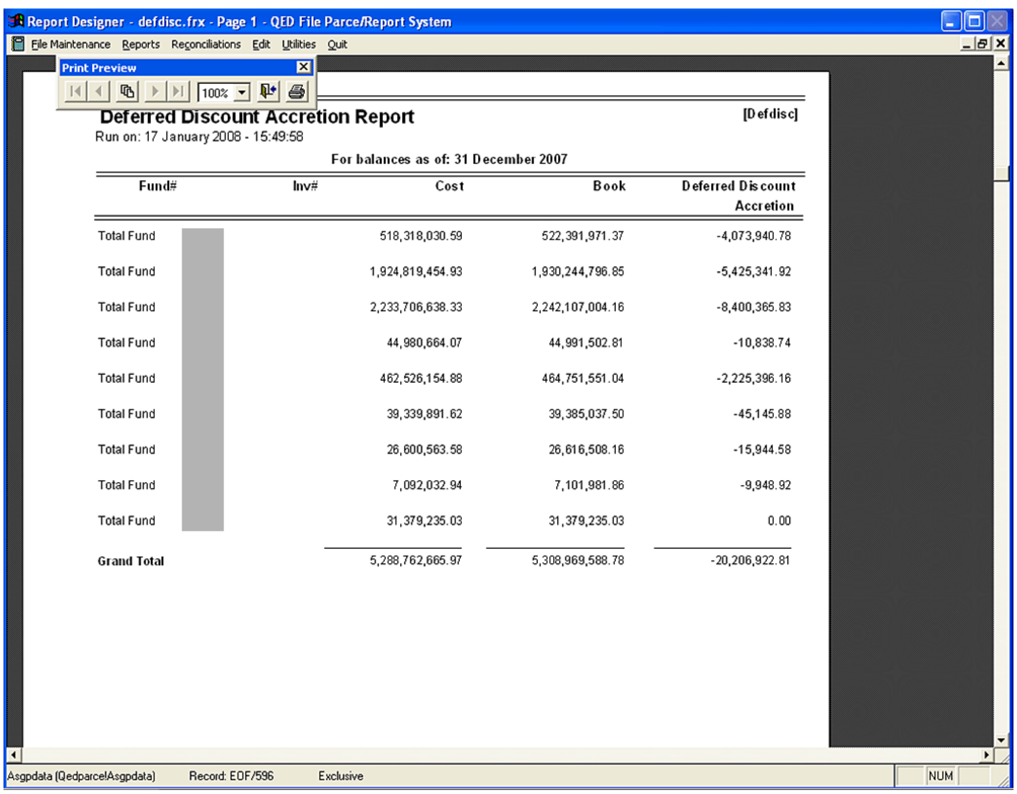
Table is used to enter QED participant account numbers. For each account number entered, an USAS State Agency, Fund Number, and Grant and Phase Number (Optional) will be entered from a completed new participant account form. This table is a crosswalk for the Reconciliation Report called "USAS to QED Reconciliation".



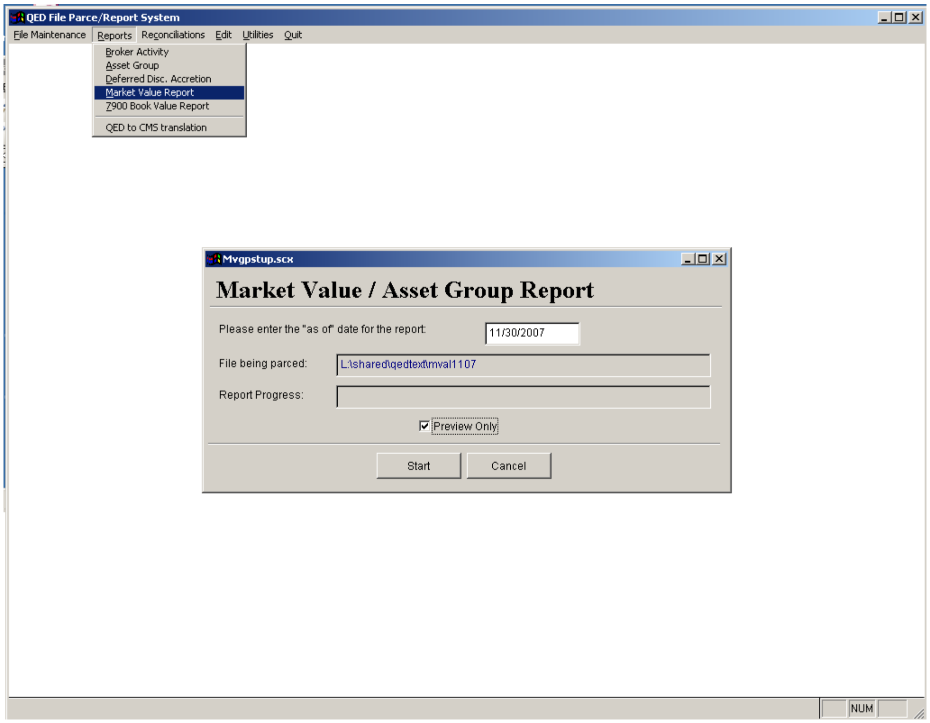


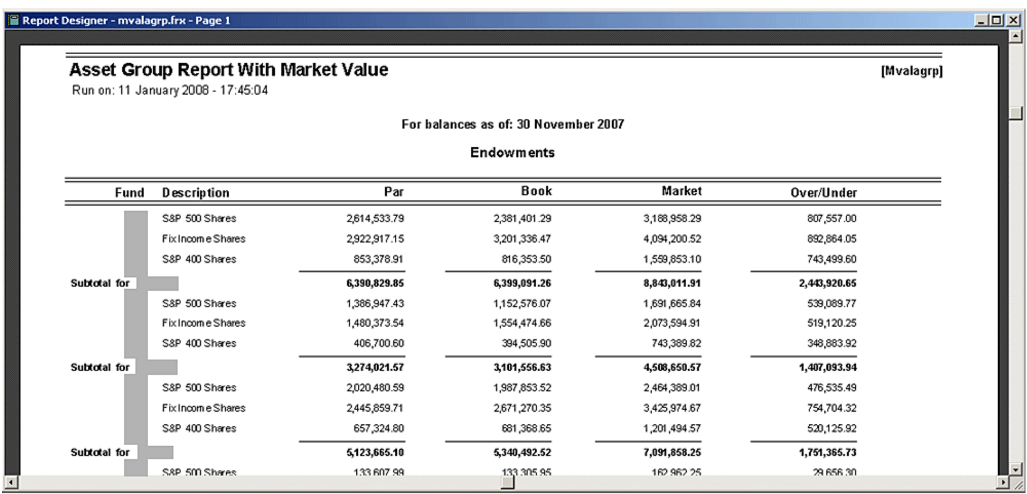
Uses QED file to generate the Book Value Report for Non-Endowments, Endowments, and Long-Term Non-Endowments by Pool number and as a whole for the portfolio. Report breaks down QED file by asset categories (Repo, etc.). Asset types on QED file is the major field used to distinguish the data into the categories. This report is used to reconcile some of the investment accounting General Ledger accounts to USAS (we do this in an excel spreadsheet).





Uses QED file to calculate deferred discount income by pool #.




Report Designer - mvalagrp.frx - Page 1

Asset Group Report With Market Value [Mvalagrp]

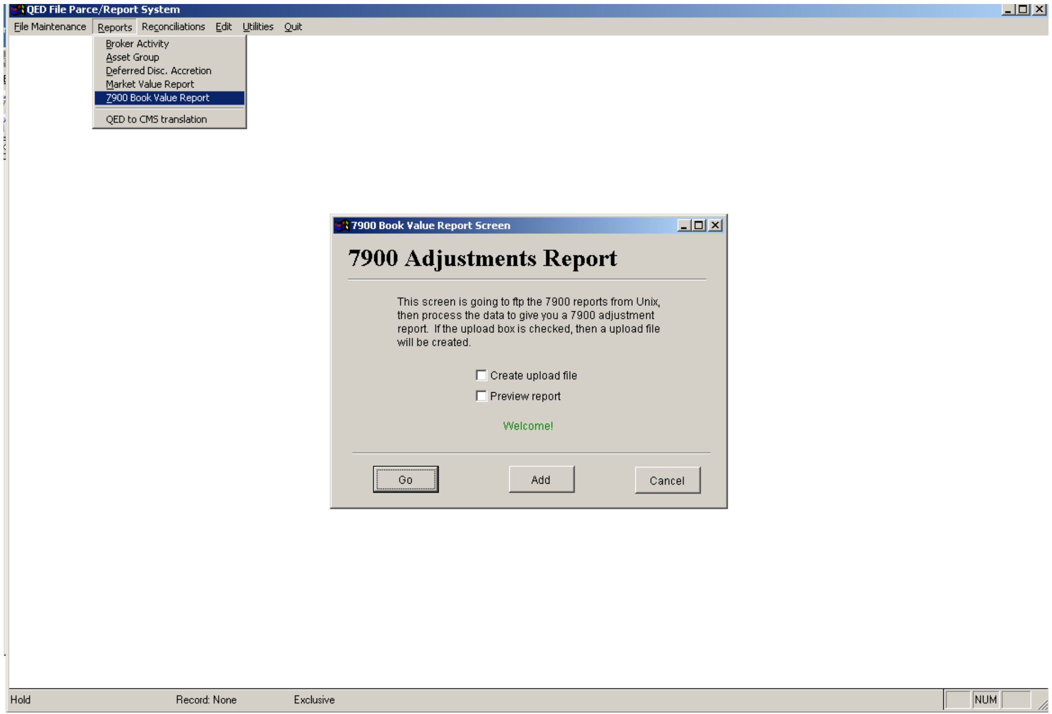
Run on: 11 January 2008 - 17:45:04

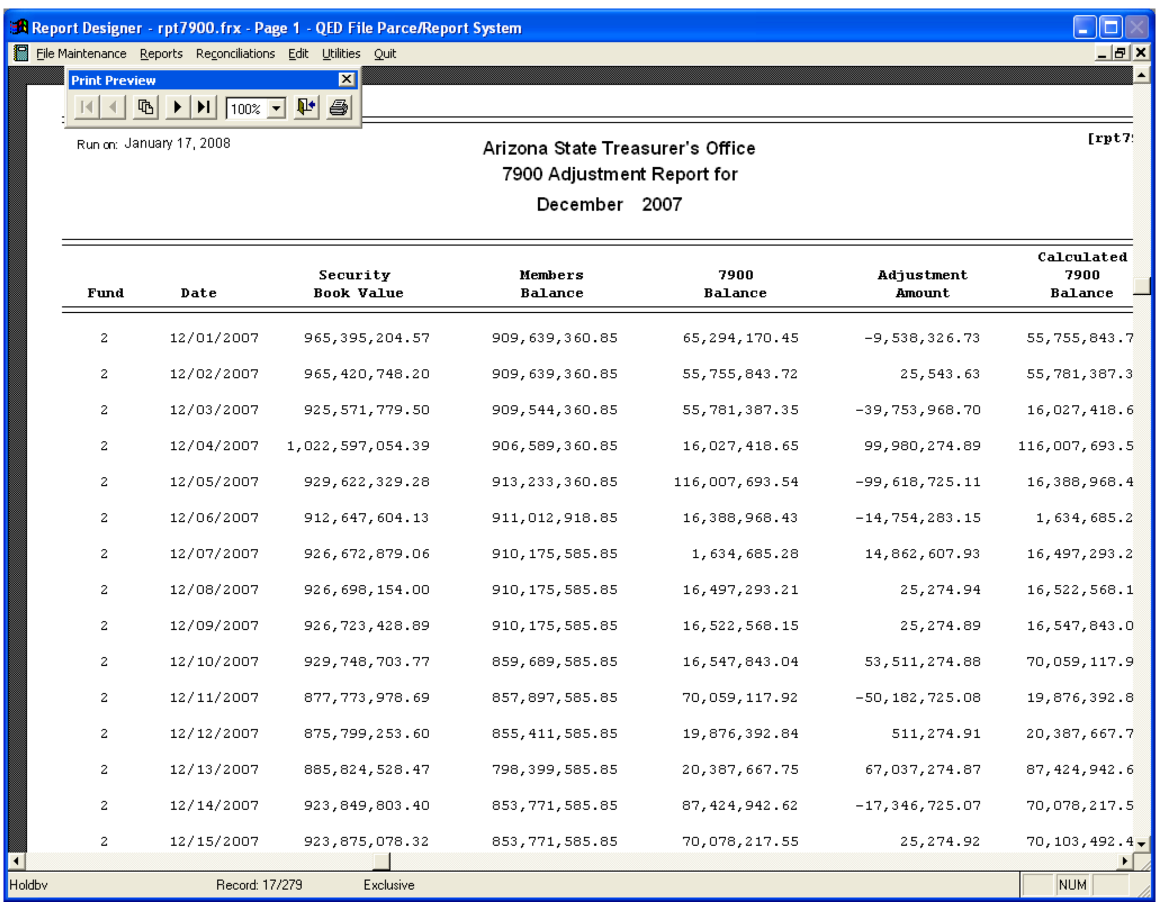
For balances as of: 30 November 2007

Endowments

Fund	Description	Par	Book	Market	Over/Under
	S&P 500 Shares	2,614,533.79	2,381,401.29	3,188,958.29	807,557.00
	Fix Income Shares	2,922,917.15	3,201,336.47	4,094,200.52	892,864.05
	S&P 400 Shares	853,378.91	816,353.50	1,559,853.10	743,499.60
Subtotal for		**6,390,829.85**	**6,399,091.26**	**8,843,011.91**	**2,443,920.65**
	S&P 500 Shares	1,386,947.43	1,152,576.07	1,691,665.84	539,089.77
	Fix Income Shares	1,480,373.54	1,554,474.66	2,073,594.91	519,120.25
	S&P 400 Shares	406,700.60	394,505.90	743,389.82	348,883.92
Subtotal for		**3,274,021.57**	**3,101,556.63**	**4,508,650.57**	**1,407,093.94**
	S&P 500 Shares	2,020,480.59	1,987,853.52	2,464,389.01	476,535.49
	Fix Income Shares	2,445,859.71	2,671,270.35	3,425,974.67	754,704.32
	S&P 400 Shares	657,324.80	681,368.65	1,201,494.57	520,125.92
Subtotal for		**5,123,665.10**	**5,340,492.52**	**7,091,858.25**	**1,751,365.73**
	S&P 500 Shares	133,607.99	133,305.95	162,962.25	29,656.30

Uses a QED file to generate market value by Pool and this report also generates totals for each Asset group for the Non-Endowments and Endowments. Report breaks down QED file by asset categories (Repo, etc.). Asset types on QED file is the major field used to distinguish the data into the categories.



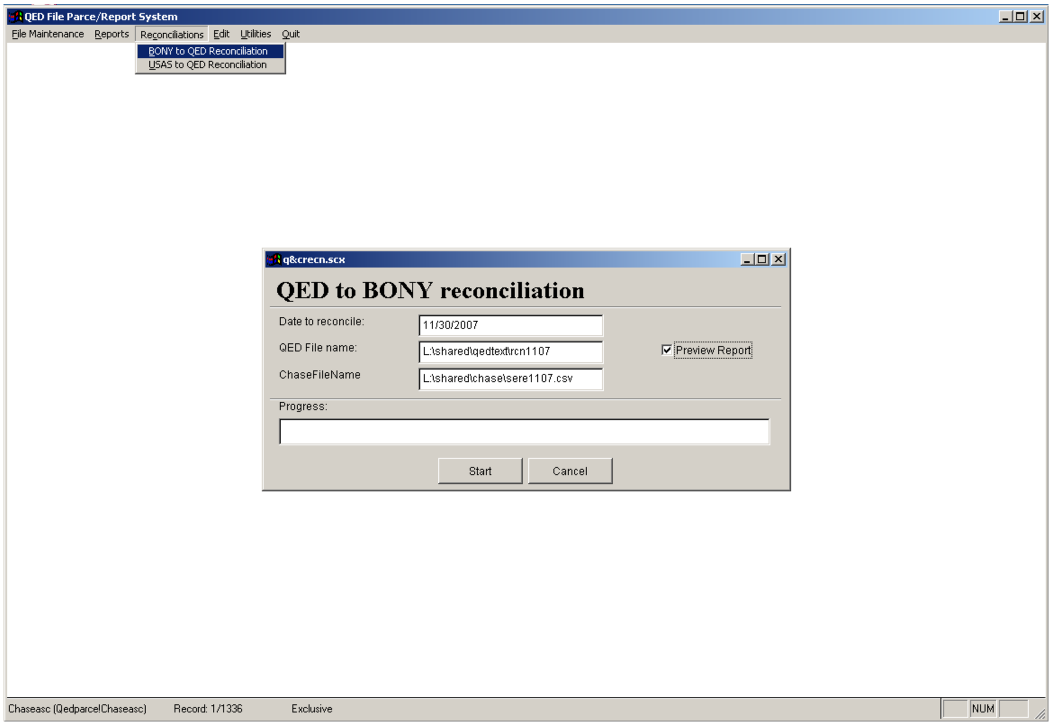


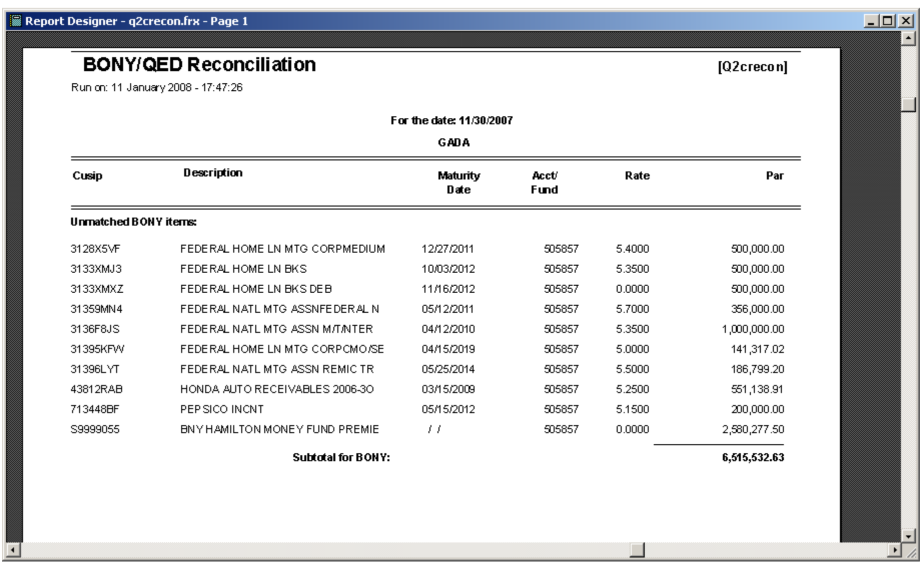
Run on: January 17, 2008 [rpt7

Arizona State Treasurer's Office
7900 Adjustment Report for
December 2007

Fund	Date	Security Book Value	Members Balance	7900 Balance	Adjustment Amount	Calculated 7900 Balance
2	12/01/2007	965,395,204.57	909,639,360.85	65,294,170.45	-9,538,326.73	55,755,843.7
2	12/02/2007	965,420,748.20	909,639,360.85	55,755,843.72	25,543.63	55,781,387.3
2	12/03/2007	925,571,779.50	909,544,360.85	55,781,387.35	-39,753,968.70	16,027,418.6
2	12/04/2007	1,022,597,054.39	906,589,360.85	16,027,418.65	99,980,274.89	116,007,693.5
2	12/05/2007	929,622,329.28	913,233,360.85	116,007,693.54	-99,618,725.11	16,388,968.4
2	12/06/2007	912,647,604.13	911,012,918.85	16,388,968.43	-14,754,283.15	1,634,685.2
2	12/07/2007	926,672,879.06	910,175,585.85	1,634,685.28	14,862,607.93	16,497,293.2
2	12/08/2007	926,698,154.00	910,175,585.85	16,497,293.21	25,274.94	16,522,568.1
2	12/09/2007	926,723,428.89	910,175,585.85	16,522,568.15	25,274.89	16,547,843.0
2	12/10/2007	929,748,703.77	859,689,585.85	16,547,843.04	53,511,274.88	70,059,117.9
2	12/11/2007	877,773,978.69	857,897,585.85	70,059,117.92	-50,182,725.08	19,876,392.8
2	12/12/2007	875,799,253.60	855,411,585.85	19,876,392.84	511,274.91	20,387,667.7
2	12/13/2007	885,824,528.47	798,399,585.85	20,387,667.75	67,037,274.87	87,424,942.6
2	12/14/2007	923,849,803.40	853,771,585.85	87,424,942.62	-17,346,725.07	70,078,217.5
2	12/15/2007	923,875,078.32	853,771,585.85	70,078,217.55	25,274.92	70,103,492.4

Uses a QED file and generates entries to post to 7900 (General Fund) by pool. These entries (adjusted amount) are put into a file (optional) which is then used to upload to QED and post. Another aspect of this application is that if any of the pool's 'calculated 7900 balance' is negative on any individual day, an exception report is printed with that day and the amount of the negative balance. If no exception report is printed, then a report shown above is printed. We run this report on a monthly basis.





Report Designer - q2crecon.frx - Page 1

BONY/QED Reconciliation [Q2crecon]

Run on: 11 January 2008 - 17:47:26

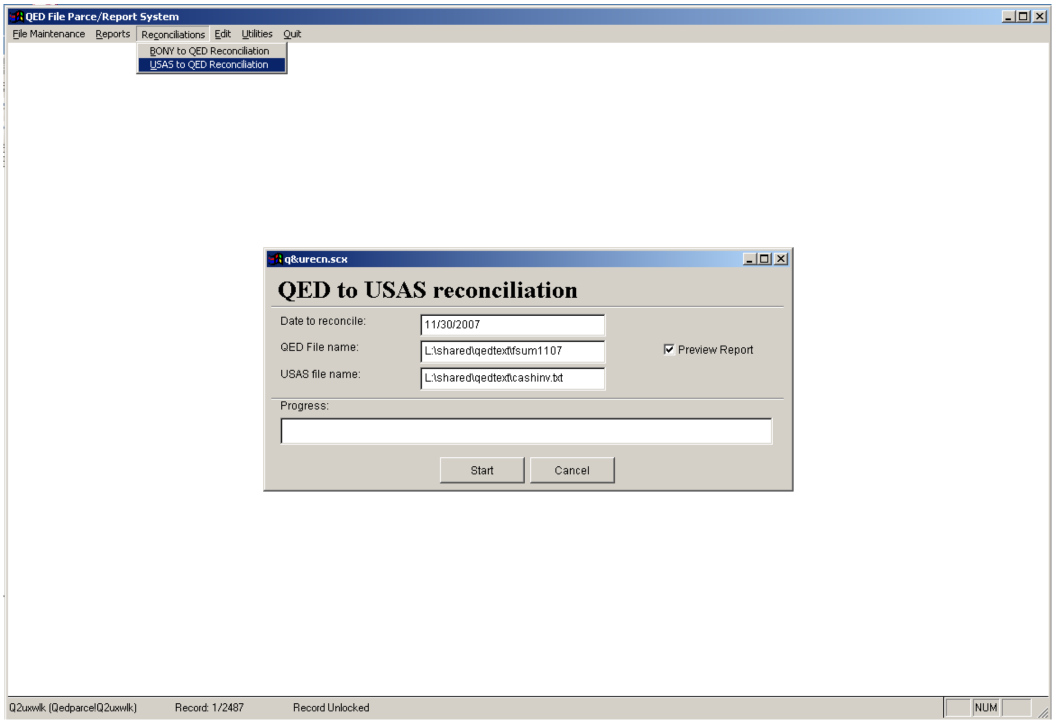
For the date: 11/30/2007

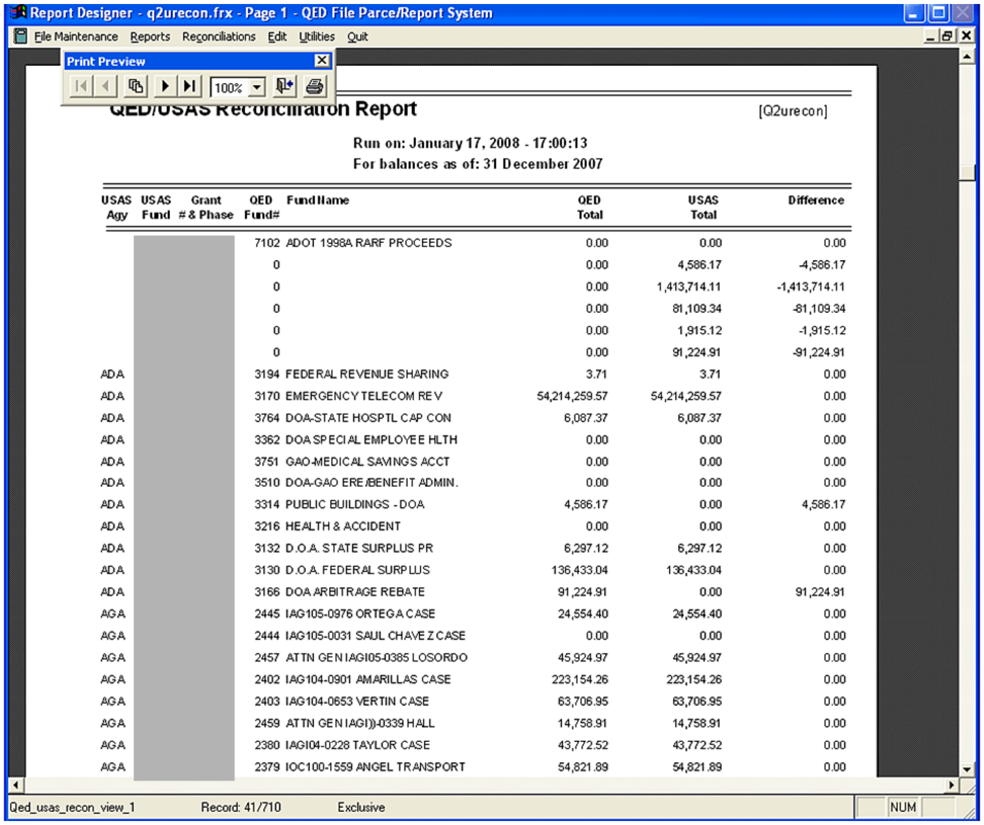
GADA

Cusip	Description	Maturity Date	Acct/ Fund	Rate	Par
Unmatched BONY items:					
3128X5VF	FEDERAL HOME LN MTG CORPMEDIUM	12/27/2011	505857	5.4000	500,000.00
3133XMJ3	FEDERAL HOME LN BKS	10/03/2012	505857	5.3500	500,000.00
3133XMXZ	FEDERAL HOME LN BKS DEB	11/16/2012	505857	0.0000	500,000.00
31359MN4	FEDERAL NATL MTG ASSNFEDERAL N	05/12/2011	505857	5.7000	356,000.00
3136F8JS	FEDERAL NATL MTG ASSN M/T/NTER	04/12/2010	505857	5.3500	1,000,000.00
31395KFW	FEDERAL HOME LN MTG CORPCMO/SE	04/15/2019	505857	5.0000	141,317.02
31396LYT	FEDERAL NATL MTG ASSN REMIC TR	05/25/2014	505857	5.5000	186,799.20
43812RAB	HONDA AUTO RECEIVABLES 2006-3O	03/15/2009	505857	5.2500	551,138.91
713448BF	PEPSICO INCNT	05/15/2012	505857	5.1500	200,000.00
S9999055	BNY HAMILTON MONEY FUND PREMIE	/ /	505857	0.0000	2,580,277.50
	Subtotal for BONY:				**6,515,532.63**

Used to reconcile QED assets held to Bank of New York Mellon assets held on a portfolio basis. Report uses data files from both QED and BNY Mellon. We have multiple BNY Mellon bank accounts that correspond with different QED pools, but not always on a one for one basis. We have multiple QED pools that would be compared to one BNY Mellon bank account. All the rest

of the QED Pools would have a one to one comparison to a BNY Mellon bank account. This report compares par, rate, maturity date and description by Cusip number. If there are differences, an exception report is generated.



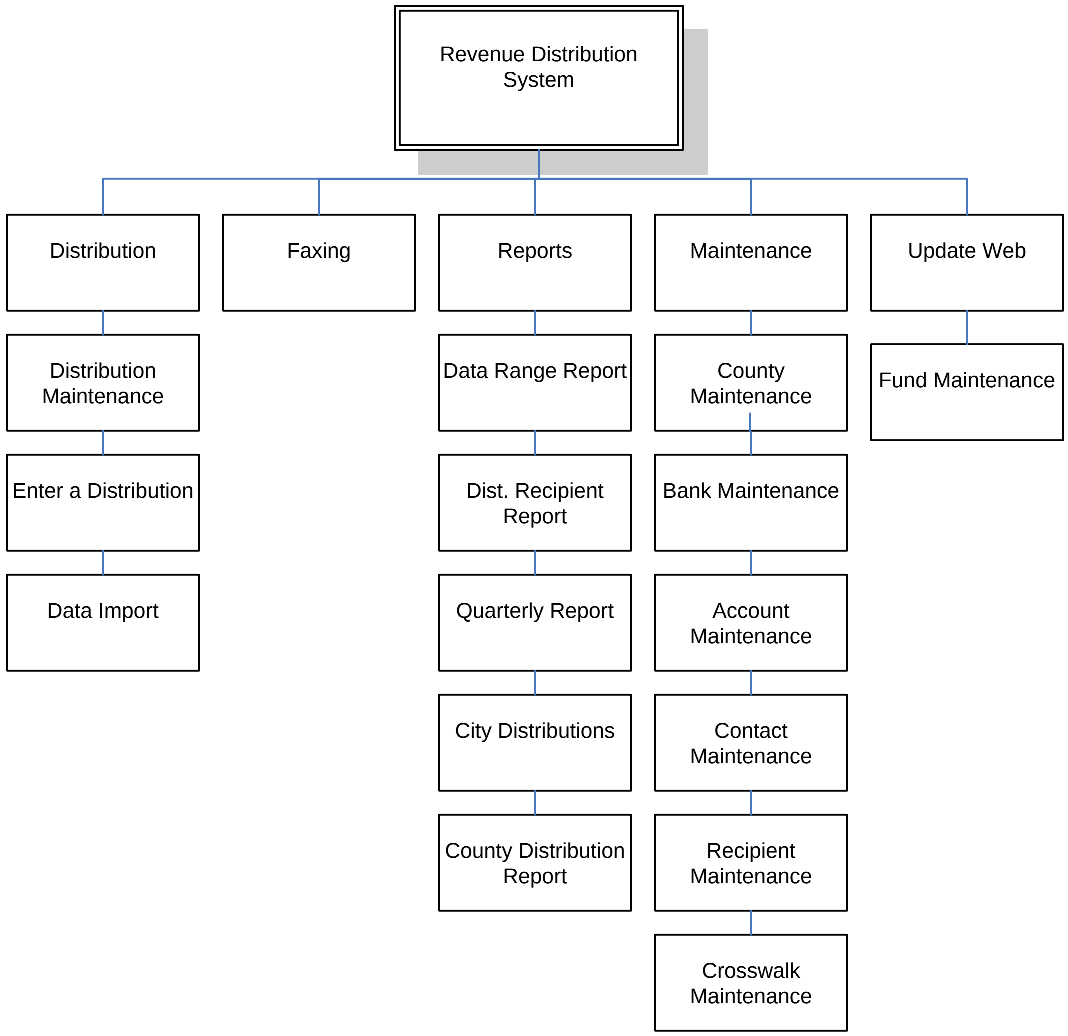


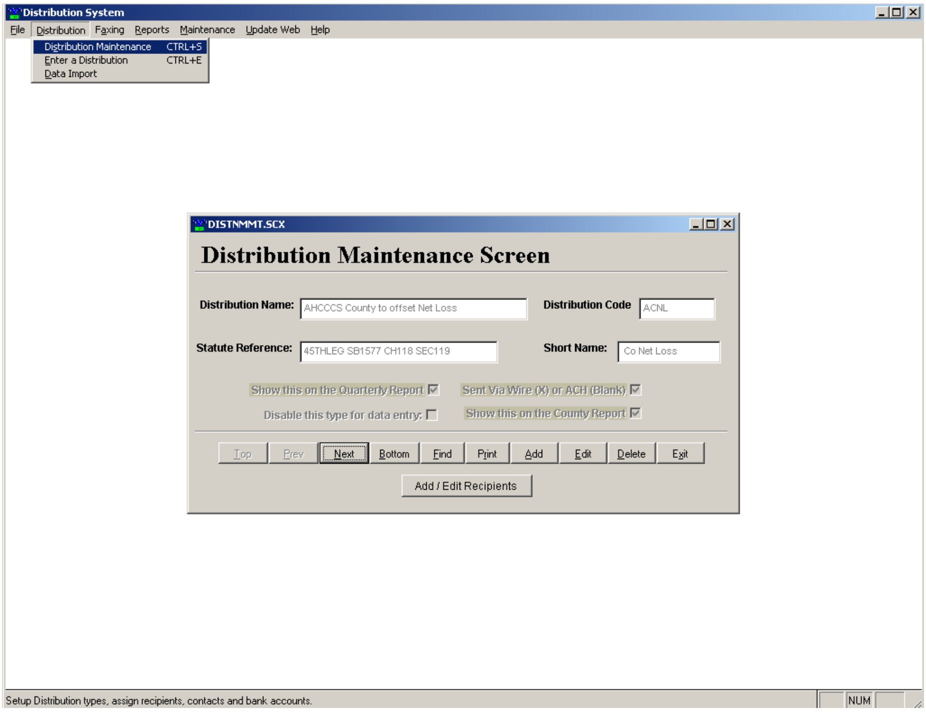
QED/USAS Reconciliation Report [Q2urecon]

Run on: January 17, 2008 - 17:00:13
For balances as of: 31 December 2007

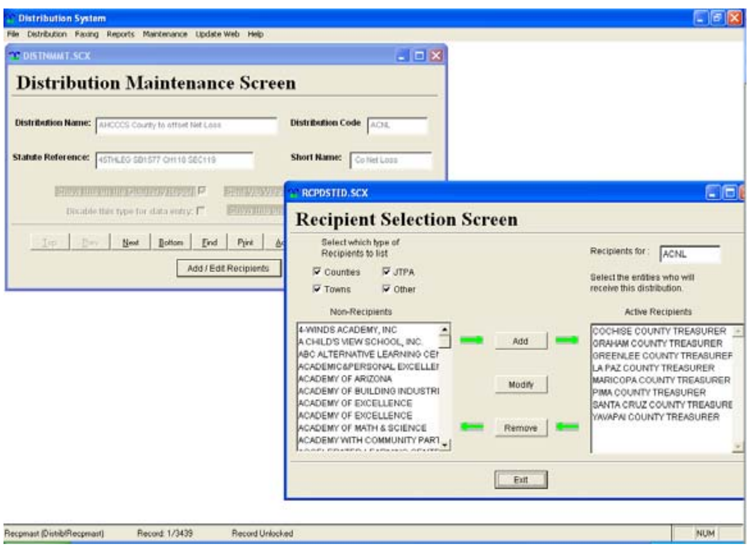
USAS Agy	USAS Fund	Grant # & Phase	QED Fund#	Fund Name	QED Total	USAS Total	Difference
			7102	ADOT 1998A RARF PROCEEDS	0.00	0.00	0.00
			0		0.00	4,586.17	-4,586.17
			0		0.00	1,413,714.11	-1,413,714.11
			0		0.00	81,109.34	-81,109.34
			0		0.00	1,915.12	-1,915.12
			0		0.00	91,224.91	-91,224.91
ADA			3194	FEDERAL REVENUE SHARING	3.71	3.71	0.00
ADA			3170	EMERGENCY TELECOM REV	54,214,259.57	54,214,259.57	0.00
ADA			3764	DOA-STATE HOSPTL CAP CON	6,087.37	6,087.37	0.00
ADA			3362	DOA SPECIAL EMPLOYEE HLTH	0.00	0.00	0.00
ADA			3751	GAO-MEDICAL SAVINGS ACCT	0.00	0.00	0.00
ADA			3510	DOA-GAO ERE/BENEFIT ADMIN.	0.00	0.00	0.00
ADA			3314	PUBLIC BUILDINGS - DOA	4,586.17	0.00	4,586.17
ADA			3216	HEALTH & ACCIDENT	0.00	0.00	0.00
ADA			3132	D.O.A. STATE SURPLUS PR	6,297.12	6,297.12	0.00
ADA			3130	D.O.A. FEDERAL SURPLUS	136,433.04	136,433.04	0.00
ADA			3166	DOA ARBITRAGE REBATE	91,224.91	0.00	91,224.91
AGA			2445	IAG105-0976 ORTEGA CASE	24,554.40	24,554.40	0.00
AGA			2444	IAG105-0031 SAUL CHAVEZ CASE	0.00	0.00	0.00
AGA			2457	ATTN GEN IAGI05-0385 LOSORDO	45,924.97	45,924.97	0.00
AGA			2402	IAG104-0901 AMARILLAS CASE	223,154.26	223,154.26	0.00
AGA			2403	IAG104-0653 VERTIN CASE	63,706.95	63,706.95	0.00
AGA			2459	ATTN GEN IAGI))-0339 HALL	14,758.91	14,758.91	0.00
AGA			2380	IAGI04-0228 TAYLOR CASE	43,772.52	43,772.52	0.00
AGA			2379	IOC100-1559 ANGEL TRANSPORT	54,821.89	54,821.89	0.00

This is used to reconcile participant balances from QED to USAS. Report uses data files from QED and USAS. Report shows all items. 'QED Fund' field is reconciled with 'USAS Fund' field (from USAS).

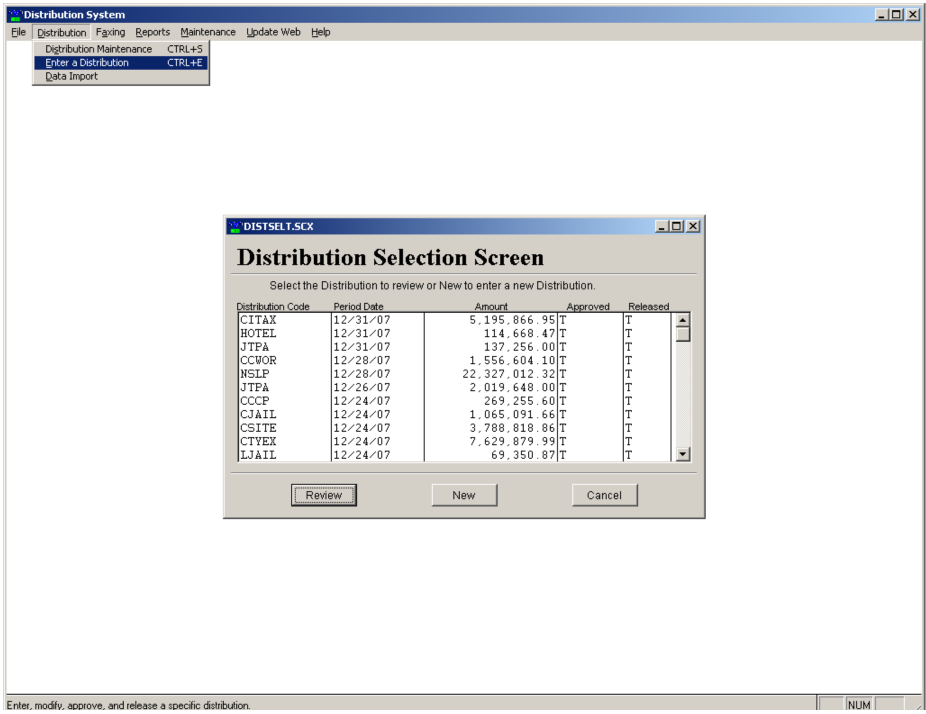

Revenue Distribution System
Distribution
Faxing
Reports
Maintenance
Update Web
Distribution Maintenance
Enter a Distribution
Data Import
Data Range Report
Dist. Recipient Report
Quarterly Report
City Distributions
County Distribution Report
County Maintenance
Bank Maintenance
Account Maintenance
Contact Maintenance
Recipient Maintenance
Crosswalk Maintenance
Fund Maintenance



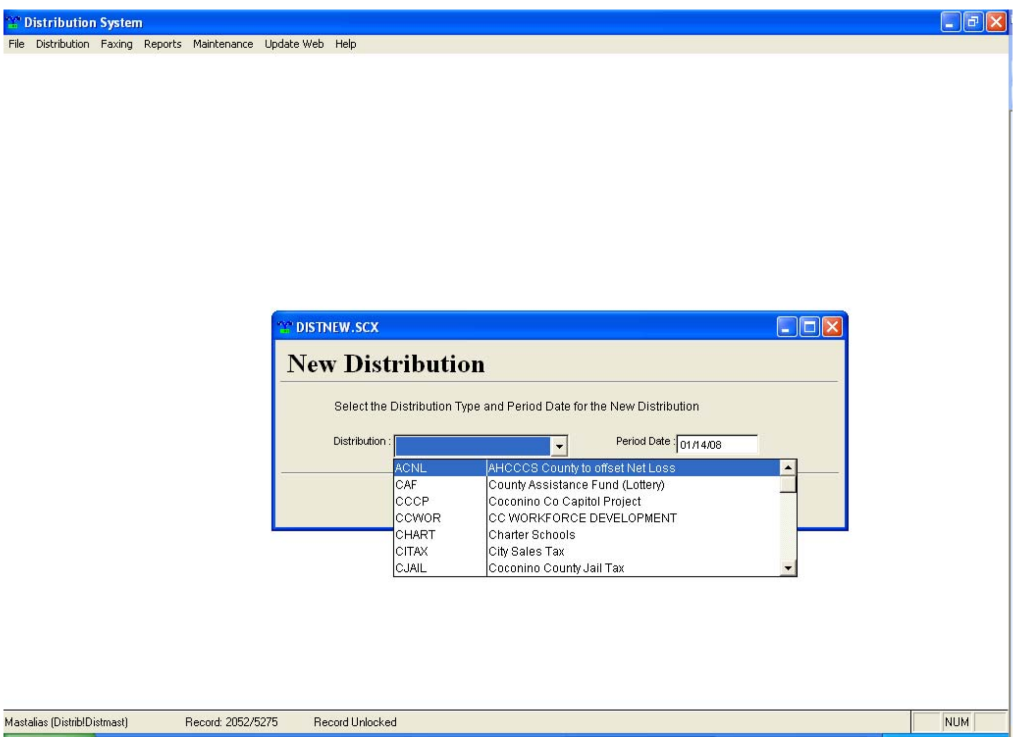
Used to maintain distribution types, add new distribution types.



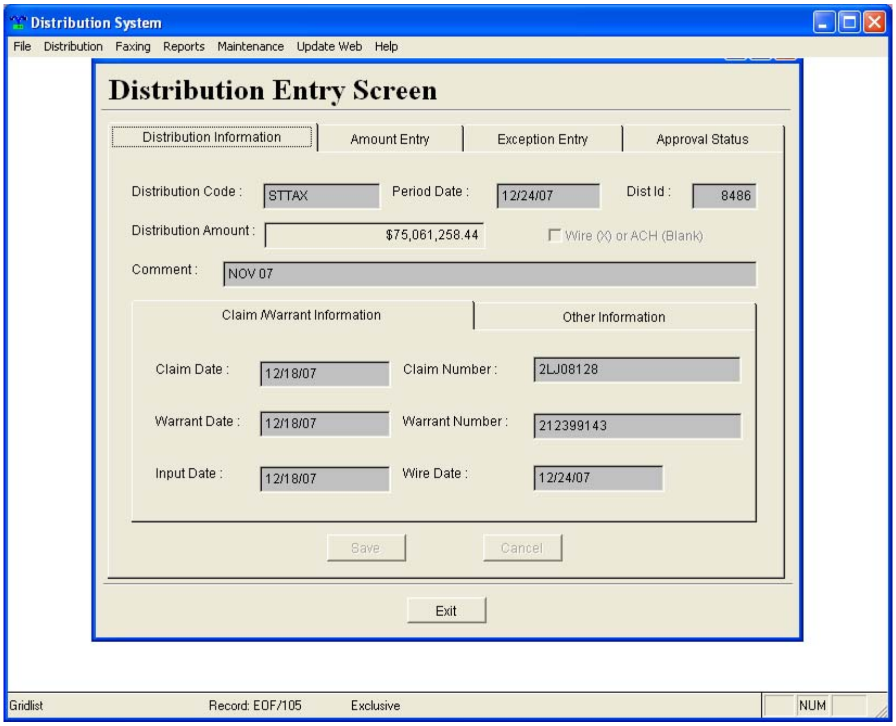
Used to maintain the recipients for each different distribution.



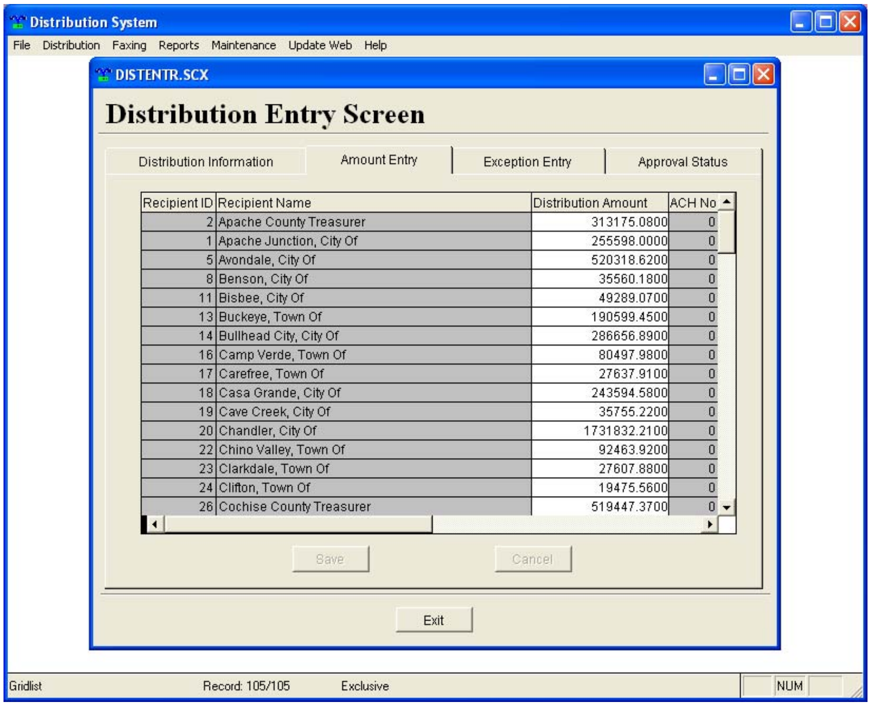
Select an existing distribution, press "Review" button to look at that distribution or re-print any reports pertaining to that distribution.



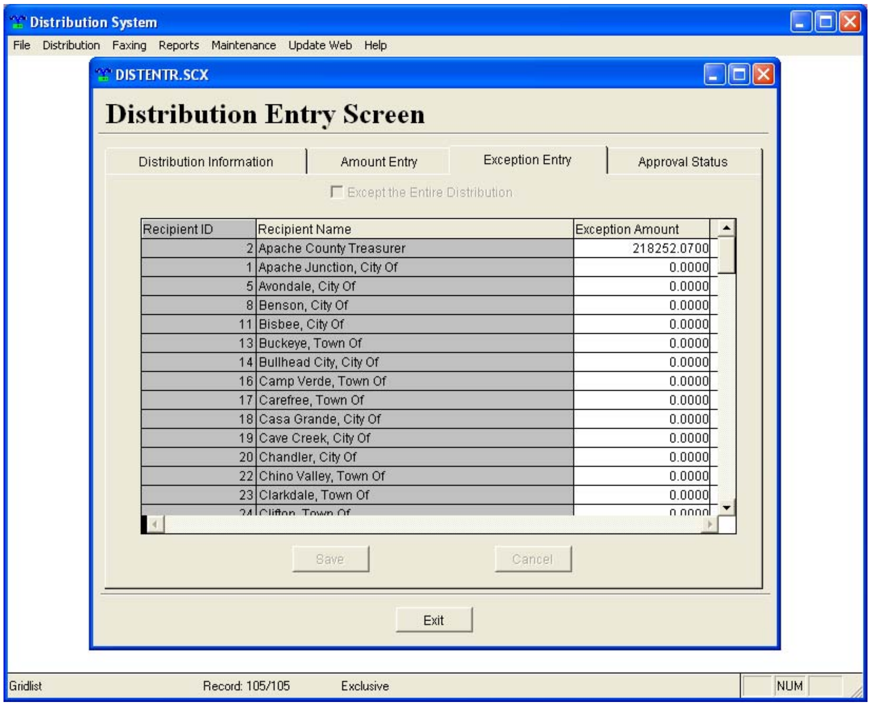
Create a new distribution.



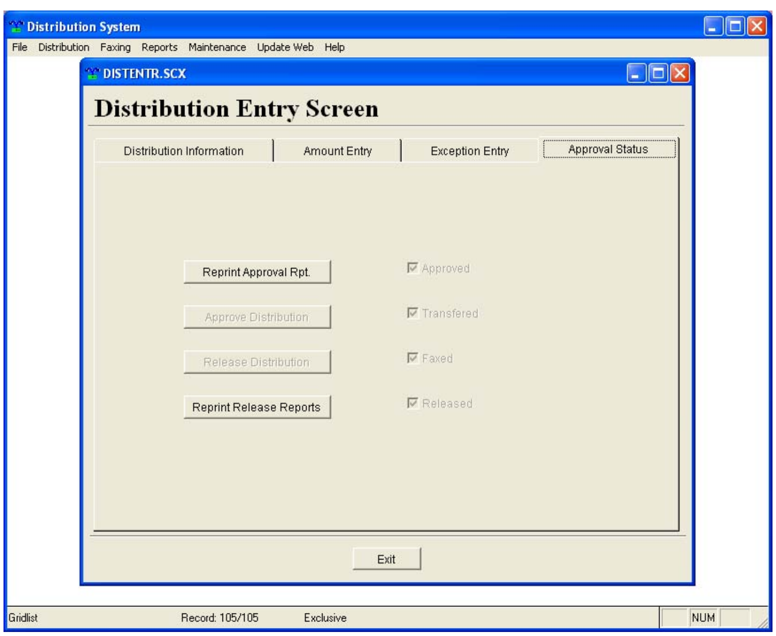
Input information from warrant.



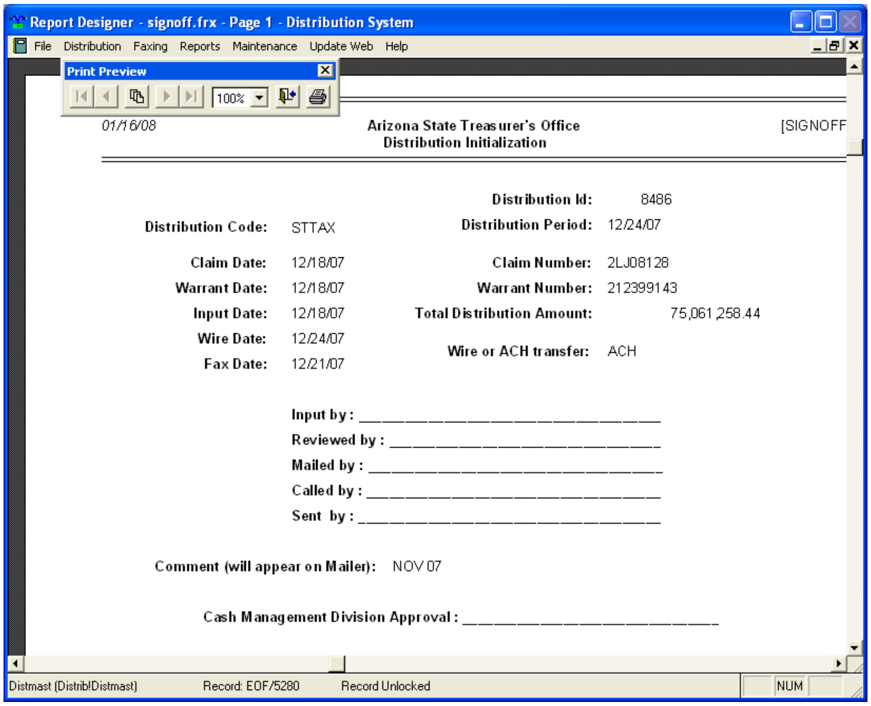
Screen of recipients of distribution, used to input amounts.



List of distribution recipients, used to input amounts to withhold from distribution. This amount is deducted from the amount entered on the "Amount Entry" page and the net is the amount actually distributed. The net amount is the amount that is used to create the bank wire/bank ach report.



Used to generate Approval Report which is used to verify individual recipient amounts. Used to Approve Distribution, Release Distribution. Releasing the distribution created a wire/ACH Out Request. Releasing the distribution also creates entries into the LGIP system as deposits into the recipients account if they have chosen to have their money distributed to their LGIP account instead of being wired to a bank account.


Report Designer - signoff.frx - Page 1 - Distribution System

01/16/08 | Arizona State Treasurer's Office Distribution Initialization | [SIGNOFF

Distribution Id: 8486
Distribution Code: STTAX | Distribution Period: 12/24/07
Claim Date: 12/18/07 | Claim Number: 2LJ08128
Warrant Date: 12/18/07 | Warrant Number: 212399143
Input Date: 12/18/07 | Total Distribution Amount: 75,061,258.44
Wire Date: 12/24/07 | Wire or ACH transfer: ACH
Fax Date: 12/21/07

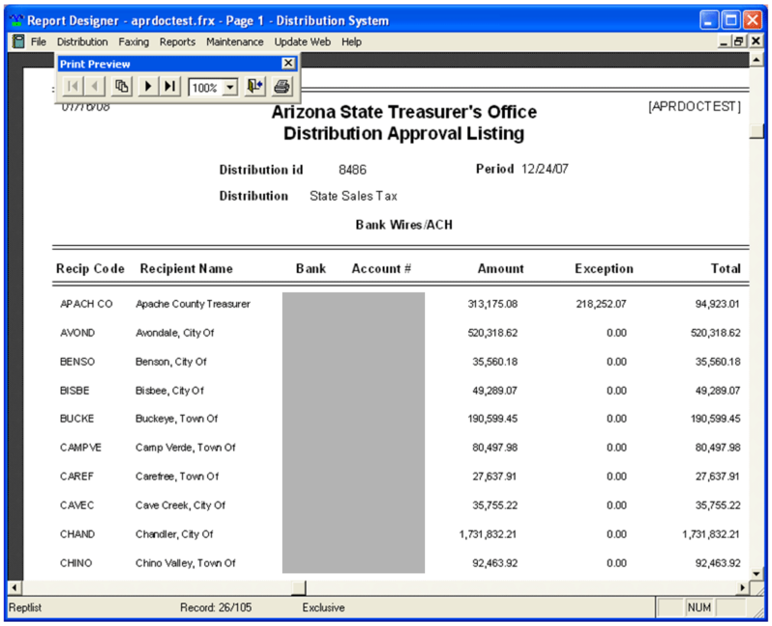
Input by : ______________________________
Reviewed by : ___________________________
Mailed by : _____________________________
Called by : _____________________________
Sent by : _______________________________

Comment (will appear on Mailer): NOV 07

Cash Management Division Approval : _________________________

Distmast (Distrib!Distmast) Record: EOF/5280 Record Unlocked NUM

This is the 1st page of the Approval Report.


Report Designer - aprdoctest.frx - Page 1 - Distribution System

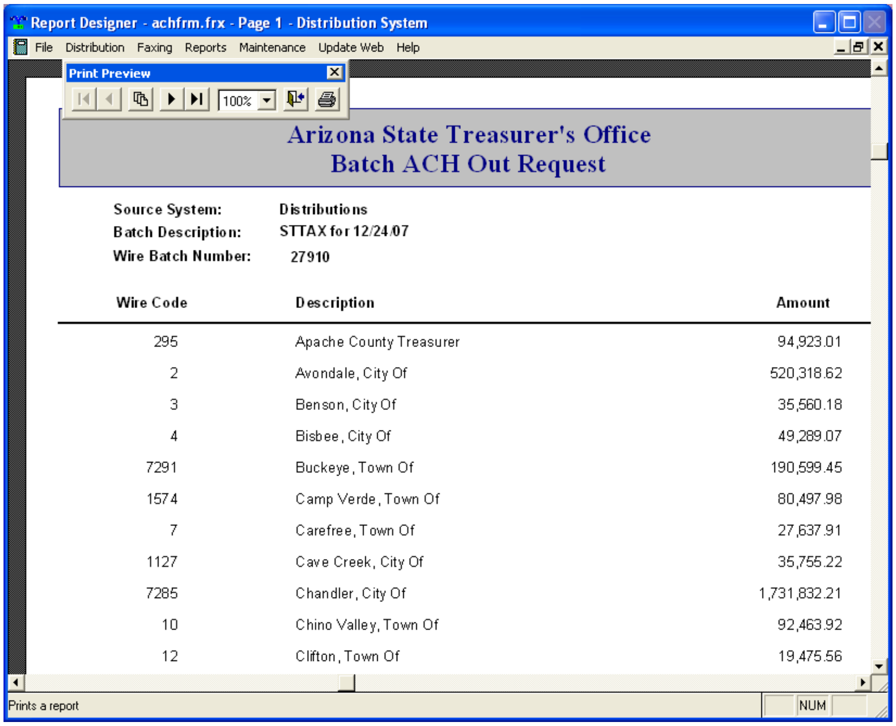
Arizona State Treasurer's Office
Distribution Approval Listing
[APRDOCTEST]

Distribution id 8486 | Period 12/24/07
Distribution State Sales Tax
Bank Wires/ACH

Recip Code	Recipient Name	Bank	Account #	Amount	Exception	Total
APACH CO	Apache County Treasurer			313,175.08	218,252.07	94,923.01
AVOND	Avondale, City Of			520,318.62	0.00	520,318.62
BENSO	Benson, City Of			35,560.18	0.00	35,560.18
BISBE	Bisbee, City Of			49,289.07	0.00	49,289.07
BUCKE	Buckeye, Town Of			190,599.45	0.00	190,599.45
CAMPVE	Camp Verde, Town Of			80,497.98	0.00	80,497.98
CAREF	Carefree, Town Of			27,637.91	0.00	27,637.91
CAVEC	Cave Creek, City Of			35,755.22	0.00	35,755.22
CHAND	Chandler, City Of			1,731,832.21	0.00	1,731,832.21
CHINO	Chino Valley, Town Of			92,463.92	0.00	92,463.92

Reptlist Record: 26/105 Exclusive NUM

This is the 2nd page of the Approval Report.

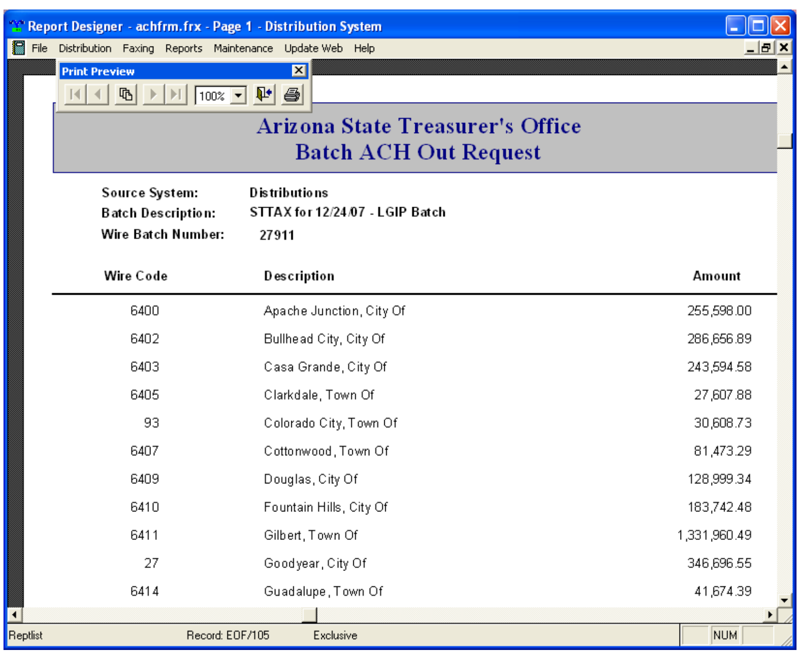


Arizona State Treasurer's Office
Batch ACH Out Request

Source System: Distributions
Batch Description: STTAX for 12/24/07
Wire Batch Number: 27910

Wire Code	Description	Amount
295	Apache County Treasurer	94,923.01
2	Avondale, City Of	520,318.62
3	Benson, City Of	35,560.18
4	Bisbee, City Of	49,289.07
7291	Buckeye, Town Of	190,599.45
1574	Camp Verde, Town Of	80,497.98
7	Carefree, Town Of	27,637.91
1127	Cave Creek, City Of	35,755.22
7285	Chandler, City Of	1,731,832.21
10	Chino Valley, Town Of	92,463.92
12	Clifton, Town Of	19,475.56

Release Report page showing ACH Out Request for recipients whose money is wired (or ACH) to bank accounts. Wire code is unique; it has specific banking information connected to it. It is used by banking department to send money through the banking system.

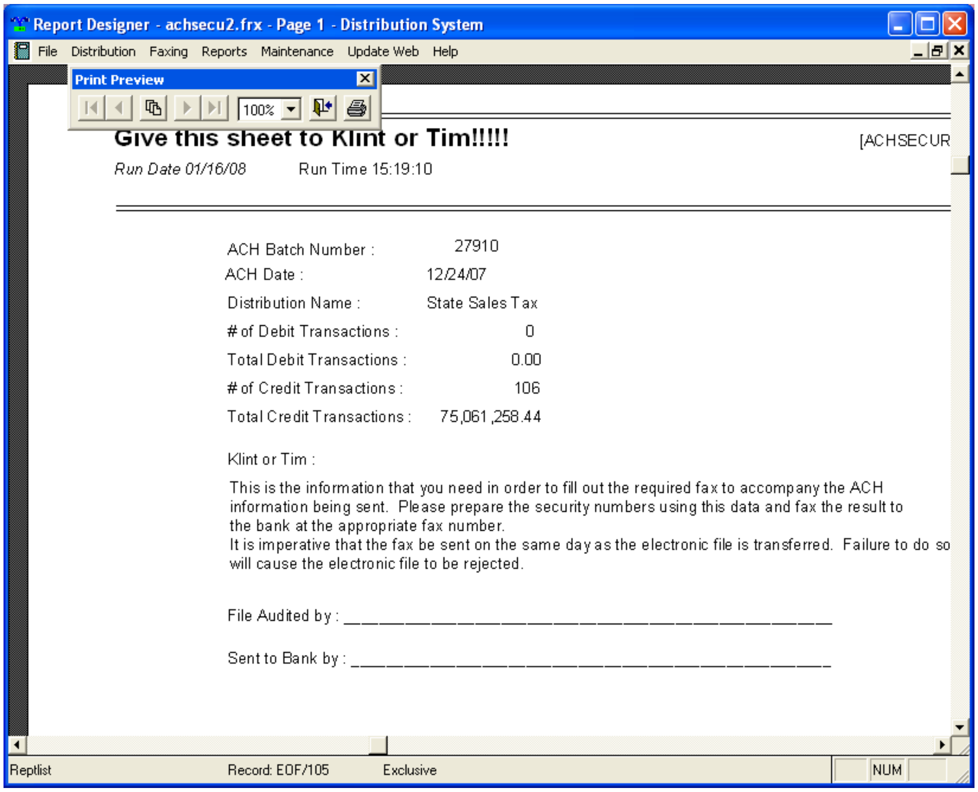


Arizona State Treasurer's Office
Batch ACH Out Request

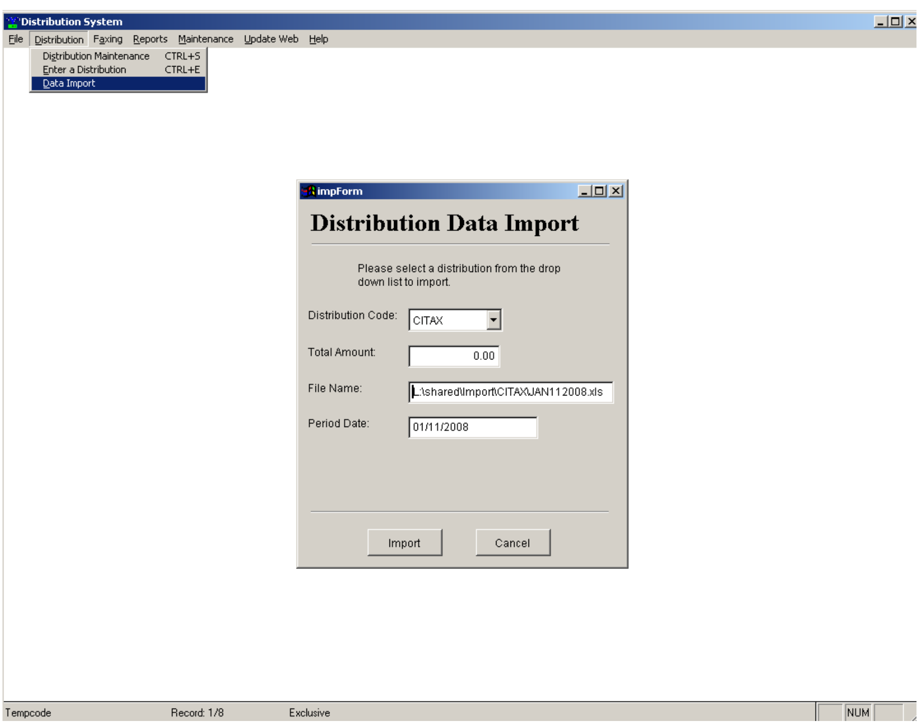
Source System: Distributions
Batch Description: STTAX for 12/24/07 - LGIP Batch
Wire Batch Number: 27911

Wire Code	Description	Amount
6400	Apache Junction, City Of	255,598.00
6402	Bullhead City, City Of	286,656.89
6403	Casa Grande, City Of	243,594.58
6405	Clarkdale, Town Of	27,607.88
93	Colorado City, Town Of	30,608.73
6407	Cottonwood, Town Of	81,473.29
6409	Douglas, City Of	128,999.34
6410	Fountain Hills, City Of	183,742.48
6411	Gilbert, Town Of	1,331,960.49
27	Goodyear, City Of	346,696.55
6414	Guadalupe, Town Of	41,674.39

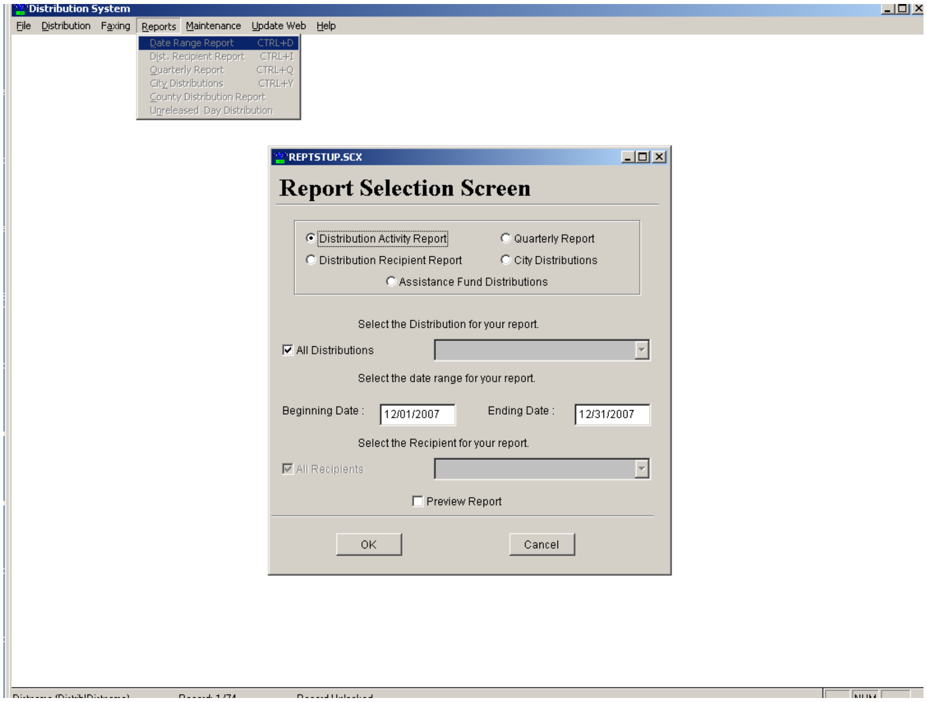
Release Report page showing reinvestments into LGIP accounts. Wire code is unique, it has specific banking information (could be LGIP account information) connected to it.



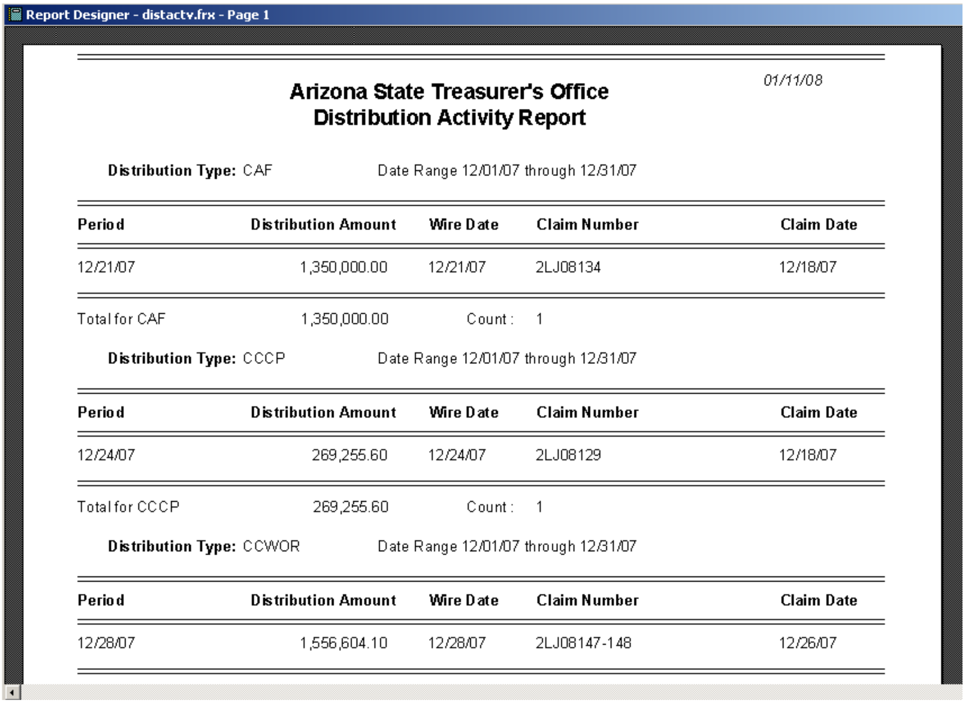
This page is generated when the distribution is being sent ACH. This is used to approve the electronic ACH file that was sent to the bank.

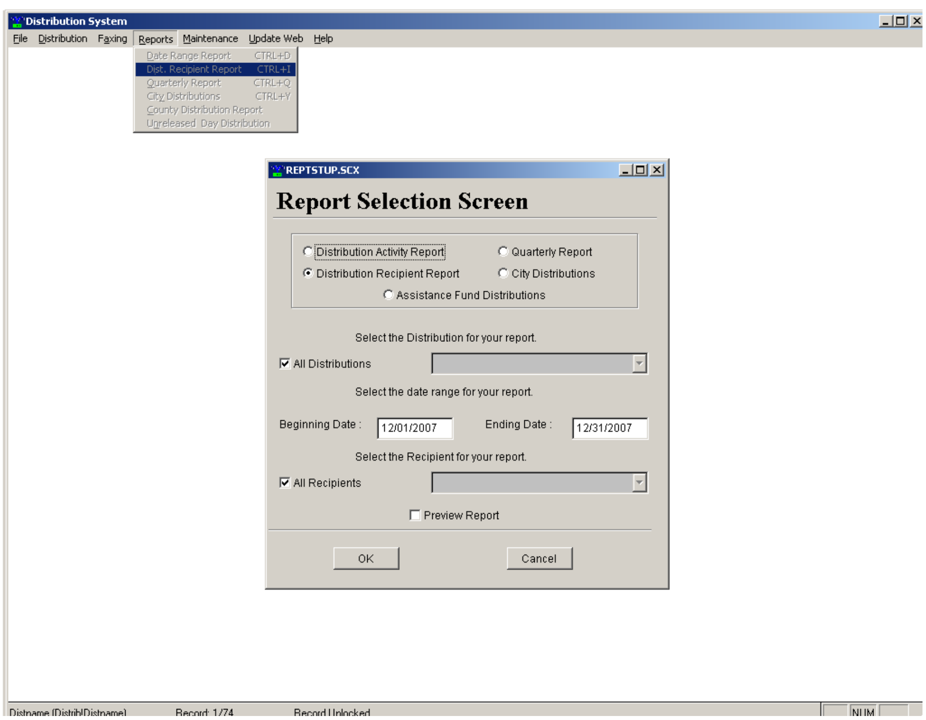


If agency distribution information can be imported, this is used to import by selecting a file that has previously been saved into a shared, import drive within the Treasurer's Office system.

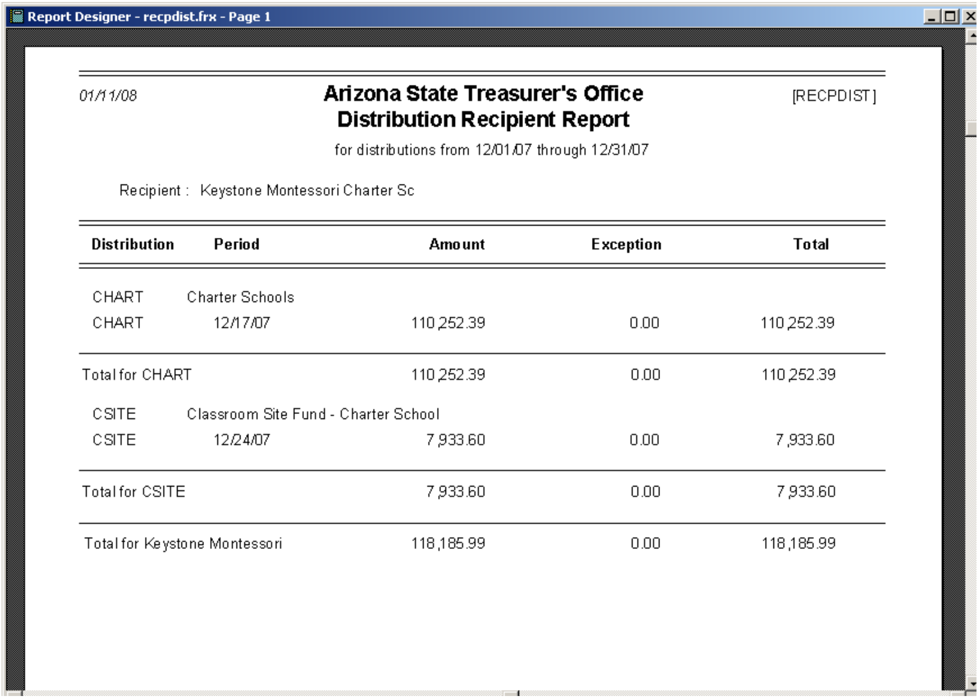


Generates report based on criteria selected. Could be distribution type for a specified time period, a specific distribution recipient or specific distribution type for a specified time period.





Generates report based on criteria selected. Could be distribution type for a specified time period, a specific distribution recipient or specific distribution type for a specified time period.



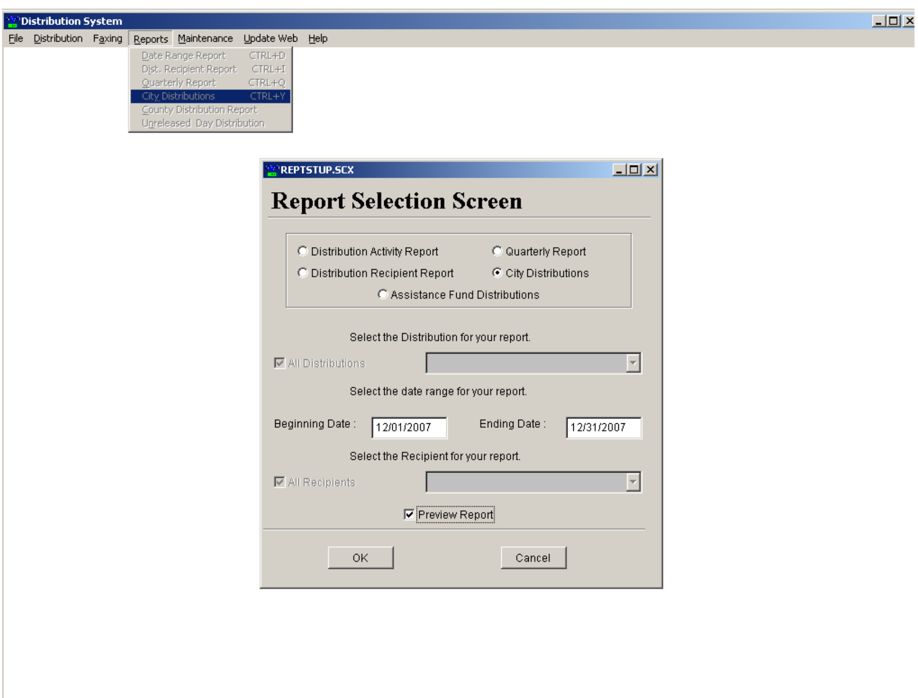
01/11/08 | **Arizona State Treasurer's Office** | [RECPDIST]

Distribution Recipient Report

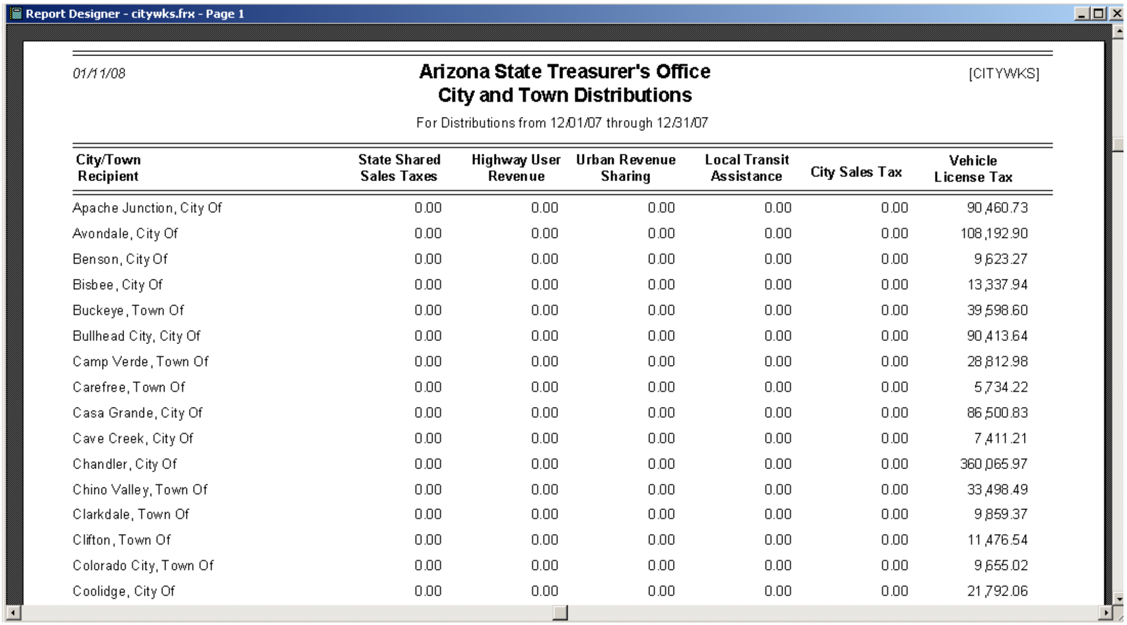
for distributions from 12/01/07 through 12/31/07

Recipient : Keystone Montessori Charter Sc

Distribution	Period	Amount	Exception	Total
CHART	Charter Schools			
CHART	12/17/07	110,252.39	0.00	110,252.39
Total for CHART		110,252.39	0.00	110,252.39
CSITE	Classroom Site Fund - Charter School			
CSITE	12/24/07	7,933.60	0.00	7,933.60
Total for CSITE		7,933.60	0.00	7,933.60
Total for Keystone Montessori		118,185.99	0.00	118,185.99



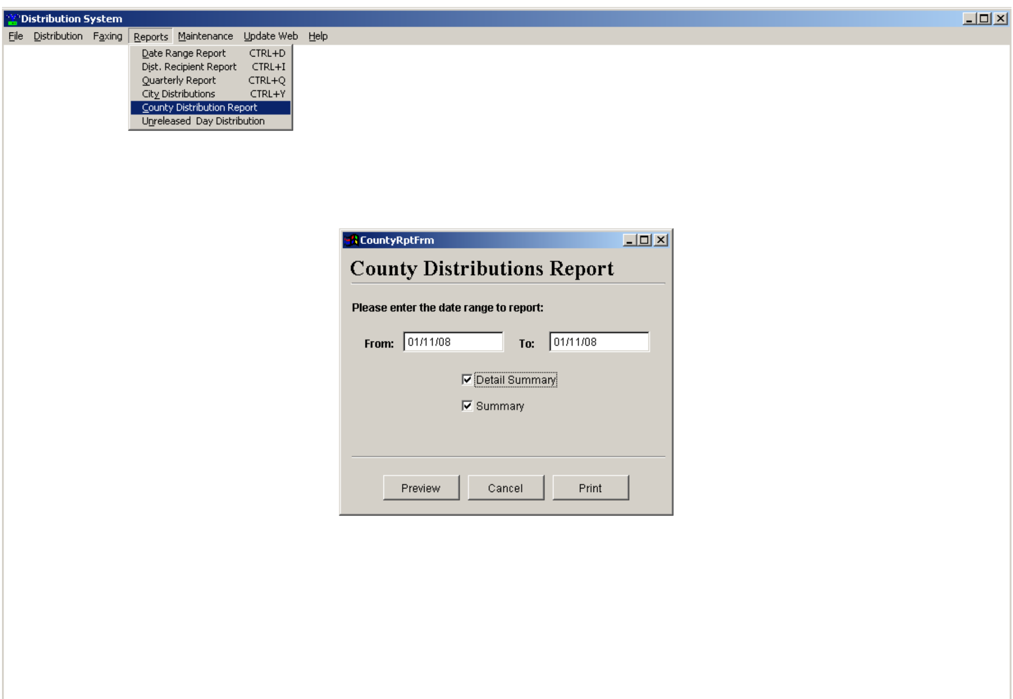
Generates report based on criteria selected only for cities and towns. Could be distribution type for a specified time period, a specific distribution recipient, or specific distribution type for a specified time period.



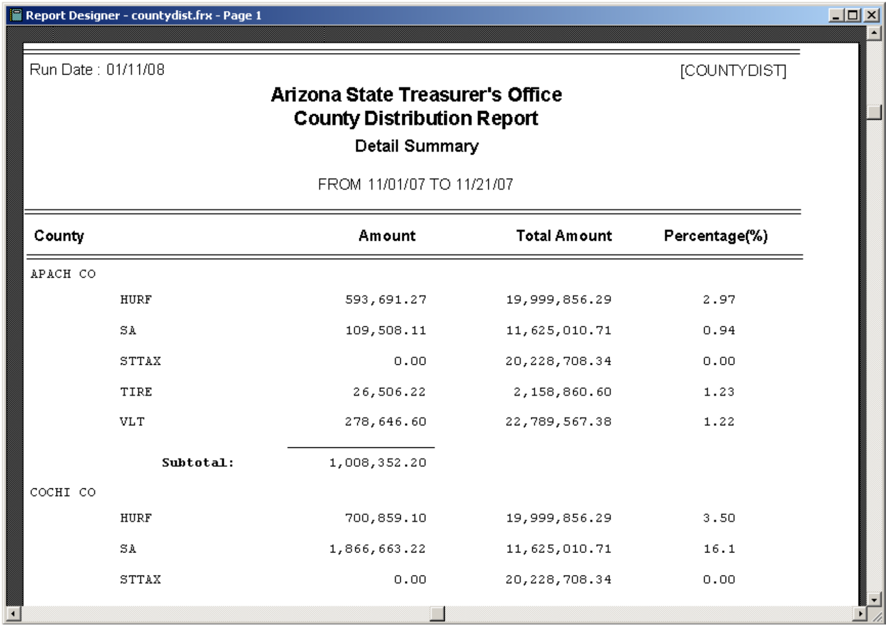
Report Designer - citywks.frx - Page 1

01/11/08 **Arizona State Treasurer's Office** [CITYWKS]
City and Town Distributions
For Distributions from 12/01/07 through 12/31/07

City/Town Recipient	State Shared Sales Taxes	Highway User Revenue	Urban Revenue Sharing	Local Transit Assistance	City Sales Tax	Vehicle License Tax
Apache Junction, City Of	0.00	0.00	0.00	0.00	0.00	90,460.73
Avondale, City Of	0.00	0.00	0.00	0.00	0.00	108,192.90
Benson, City Of	0.00	0.00	0.00	0.00	0.00	9,623.27
Bisbee, City Of	0.00	0.00	0.00	0.00	0.00	13,337.94
Buckeye, Town Of	0.00	0.00	0.00	0.00	0.00	39,598.60
Bullhead City, City Of	0.00	0.00	0.00	0.00	0.00	90,413.64
Camp Verde, Town Of	0.00	0.00	0.00	0.00	0.00	28,812.98
Carefree, Town Of	0.00	0.00	0.00	0.00	0.00	5,734.22
Casa Grande, City Of	0.00	0.00	0.00	0.00	0.00	86,500.83
Cave Creek, City Of	0.00	0.00	0.00	0.00	0.00	7,411.21
Chandler, City Of	0.00	0.00	0.00	0.00	0.00	360,065.97
Chino Valley, Town Of	0.00	0.00	0.00	0.00	0.00	33,498.49
Clarkdale, Town Of	0.00	0.00	0.00	0.00	0.00	9,859.37
Clifton, Town Of	0.00	0.00	0.00	0.00	0.00	11,476.54
Colorado City, Town Of	0.00	0.00	0.00	0.00	0.00	9,655.02
Coolidge, City Of	0.00	0.00	0.00	0.00	0.00	21,792.06



Generates report based on criteria selected only for counties. Summary information by county and distribution type.

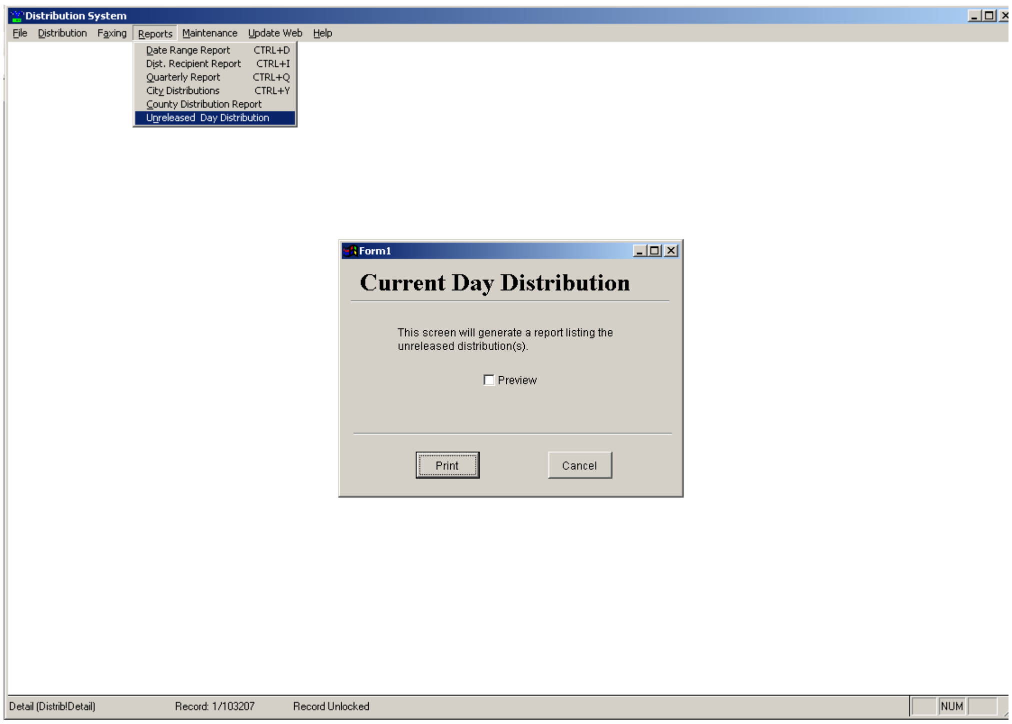

Report Designer - countydist.frx - Page 1

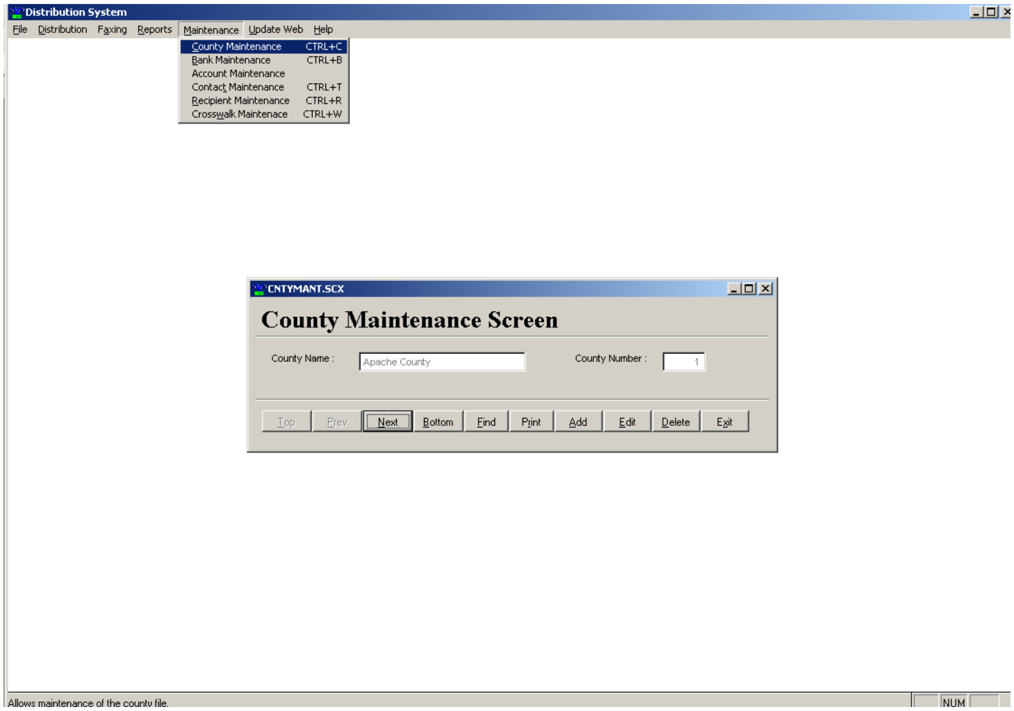
Run Date : 01/11/08 [COUNTYDIST]

Arizona State Treasurer's Office
County Distribution Report
Detail Summary

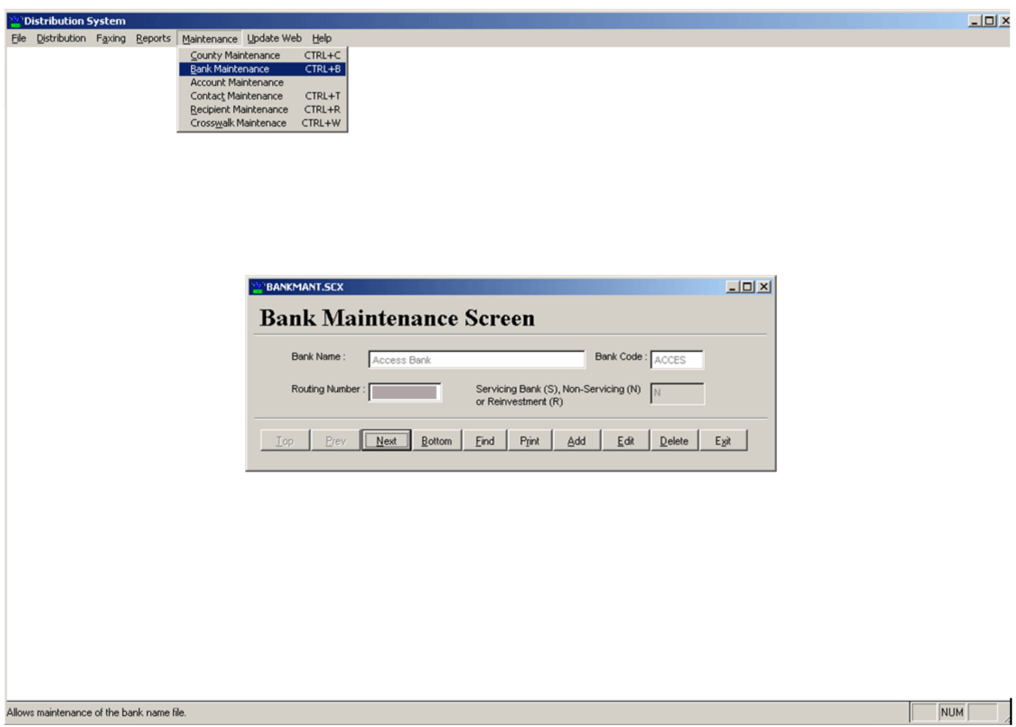
FROM 11/01/07 TO 11/21/07

County		Amount	Total Amount	Percentage(%)
APACH CO				
	HURF	593,691.27	19,999,856.29	2.97
	SA	109,508.11	11,625,010.71	0.94
	STTAX	0.00	20,228,708.34	0.00
	TIRE	26,506.22	2,158,860.60	1.23
	VLT	278,646.60	22,789,567.38	1.22
	Subtotal:	1,008,352.20		
COCHI CO				
	HURF	700,859.10	19,999,856.29	3.50
	SA	1,866,663.22	11,625,010.71	16.1
	STTAX	0.00	20,228,708.34	0.00

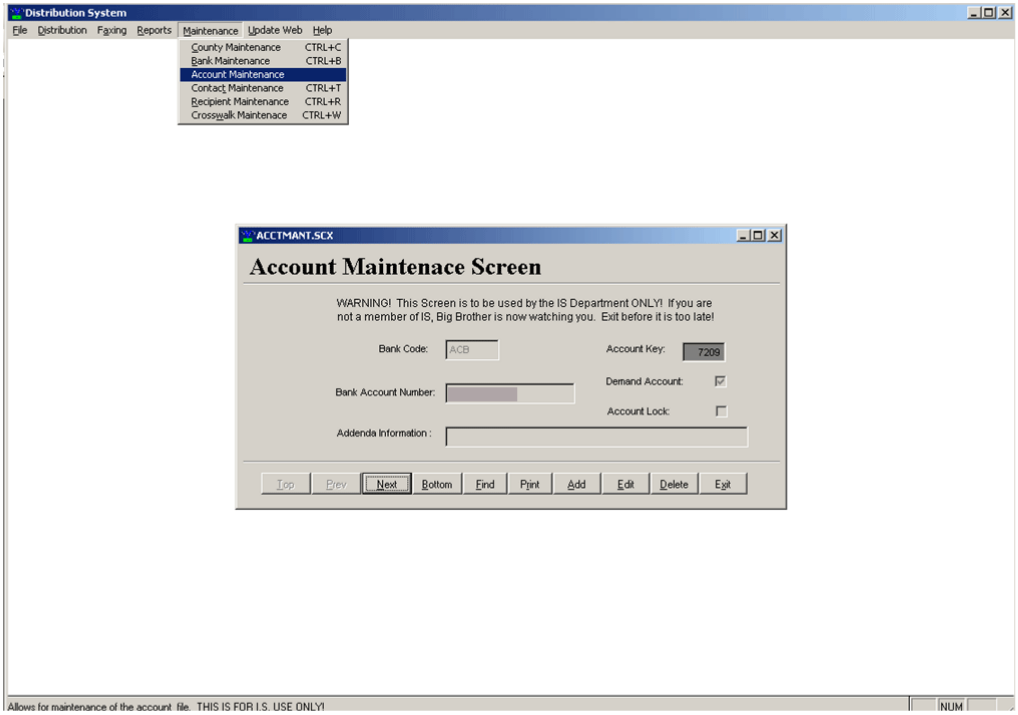




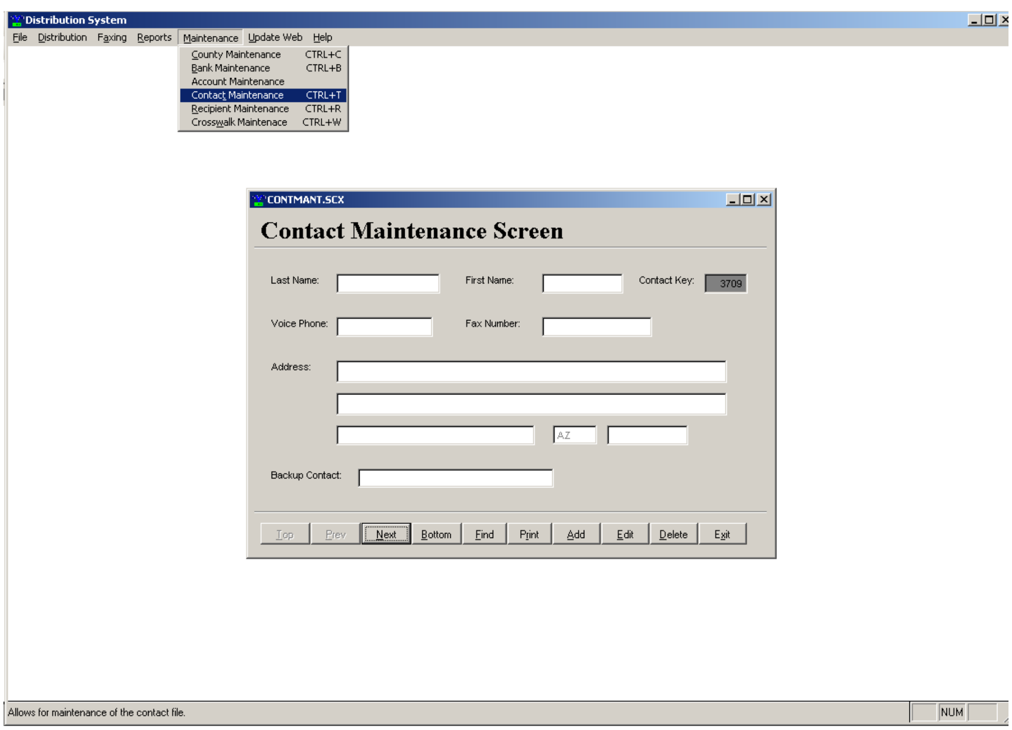
Maintain County information.



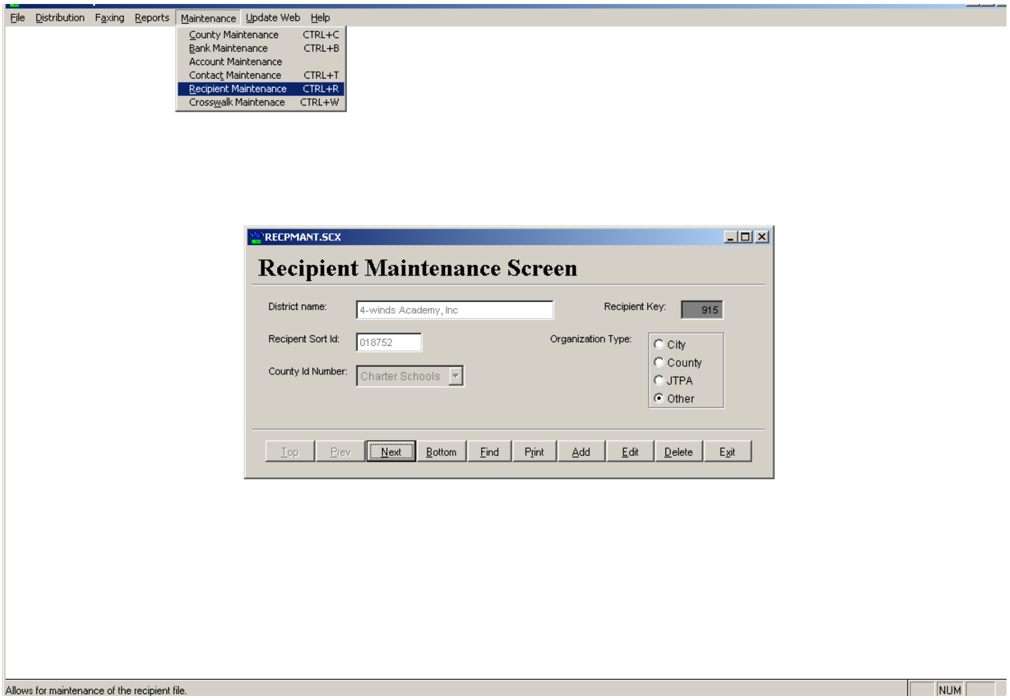
Maintain bank information; add new banks.



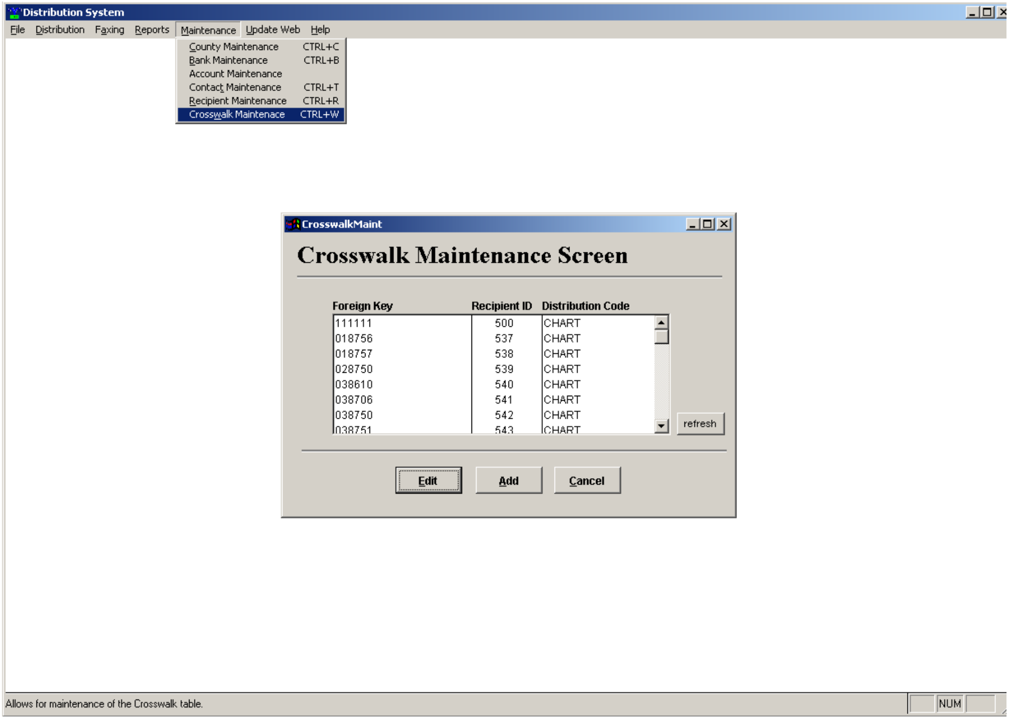
Adds a bank account, assigns the unique Account Key # (4digit); the Account Key number is the same as the Wire Code number that is on the Wire/ACH/LGIP Out pages of the Release Reports. The Account Key number must then be linked to the appropriate distribution recipient to be used when information is transmitted to bank.



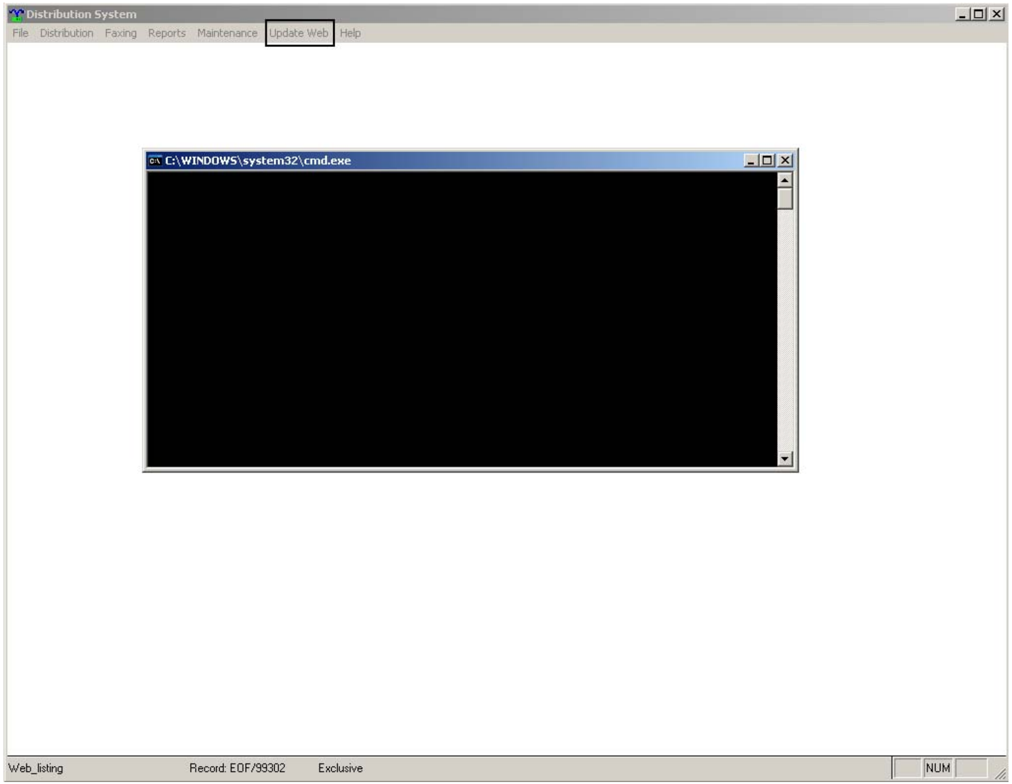
Maintain distribution recipient contact information. Each recipient has a contact that is used to fax distribution notices to. Contact id is a unique identifier that is system assigned.



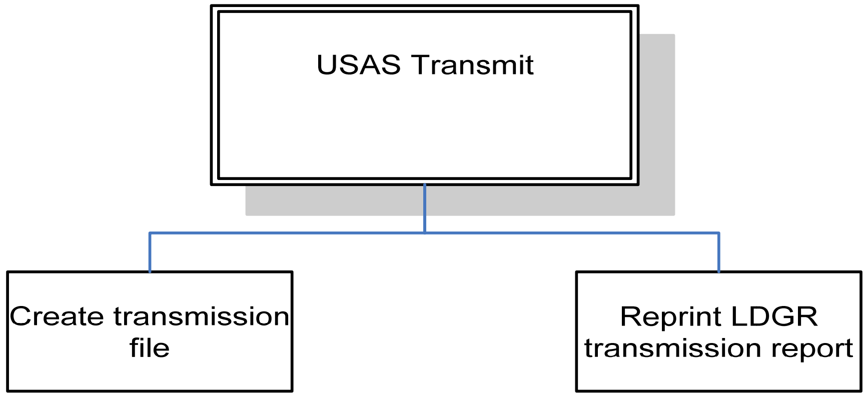
Maintain distribution recipients; add new recipients. Recipient Key is unique identifier that is assigned by the system.

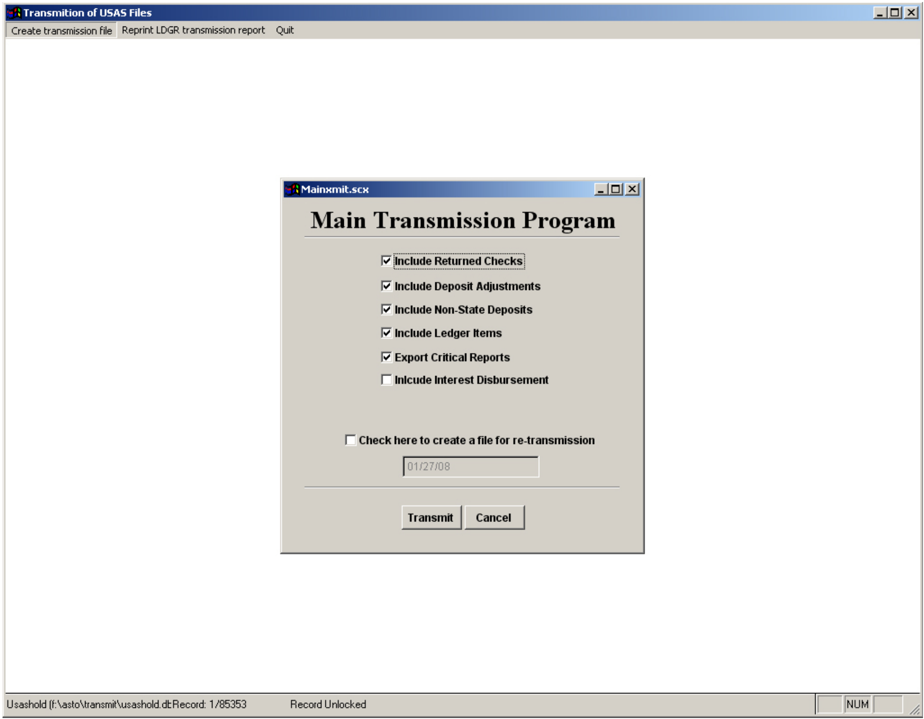


Matches a recipient id and charter school CTD#. CTD# is Dept of Education's unique identifier for each school and the Recipient ID is the Treasurer office's unique identifier.

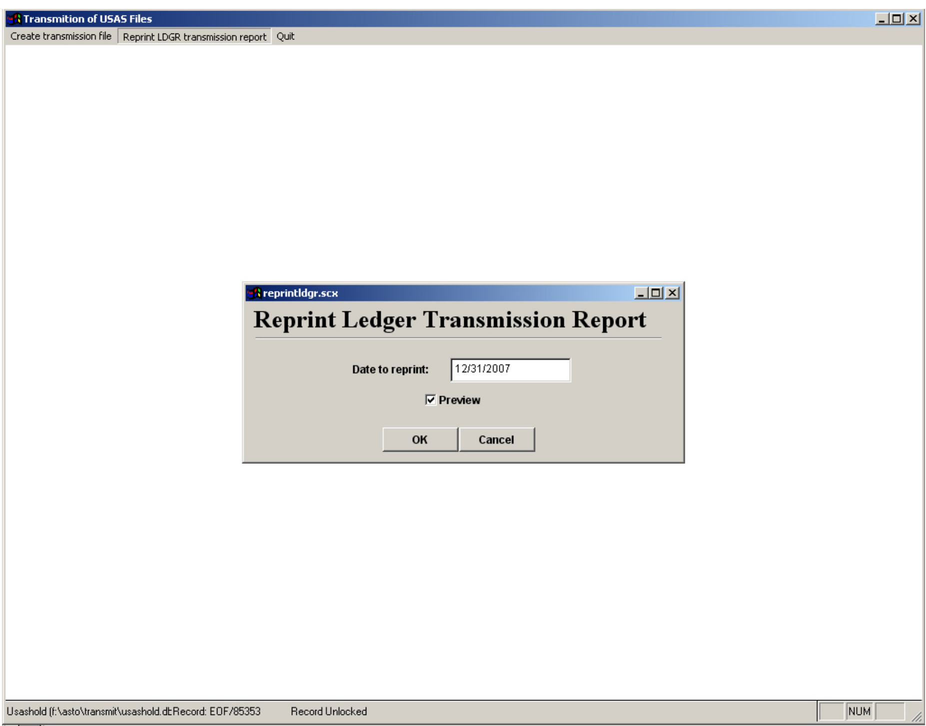


Update web creates a new file that overwrites each night to update the searchable data base on the Treasurer offices' website. (Exports Excel file, which in turn updates an Access database, which is ftp'd)

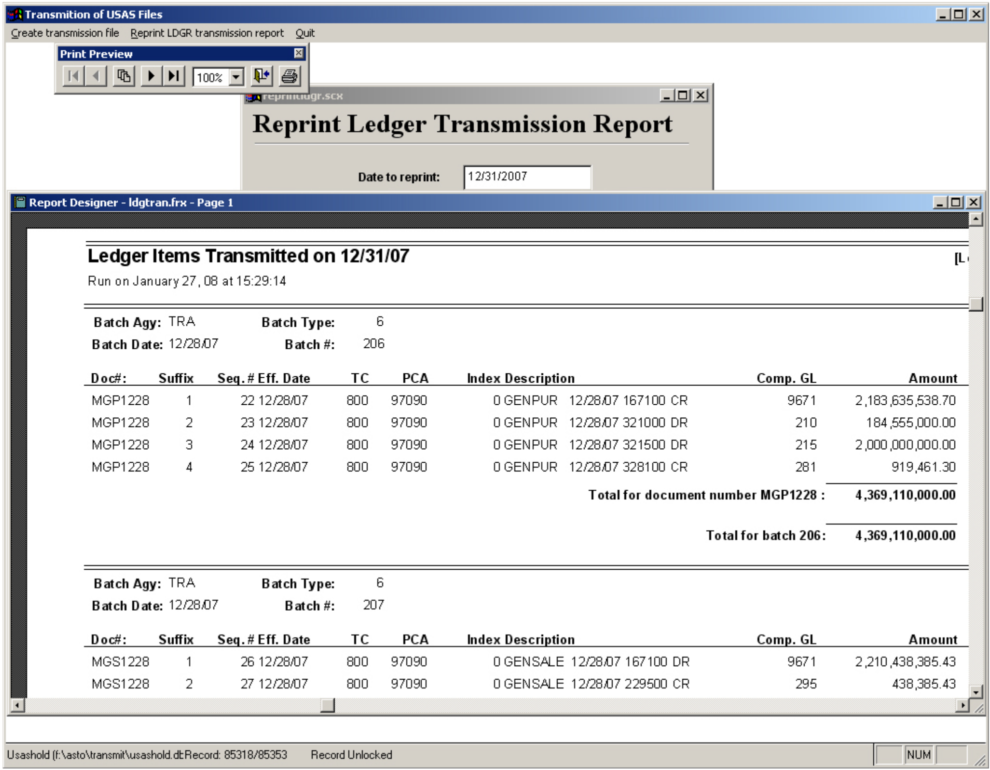

USAS Transmit
Create transmission file
Reprint LDGR transmission report



This system is used at the end of the day to transmit files to USAS.



If it is necessary to reprint you must chose the "Reprint LDGR transmission Report.



Ledger Items Transmitted on 12/31/07

Run on January 27, 08 at 15:29:14

Batch Agy: TRA **Batch Type:** 6
Batch Date: 12/28/07 **Batch #:** 206

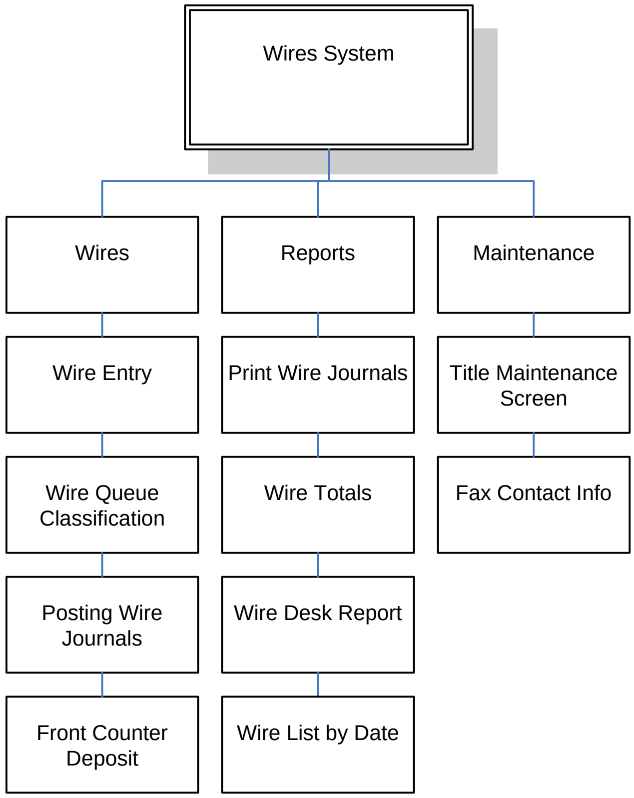
Doc#:	Suffix	Seq. # Eff. Date	TC	PCA	Index Description	Comp. GL	Amount
MGP1228	1	22 12/28/07	800	97090	0 GENPUR 12/28/07 167100 CR	9671	2,183,635,538.70
MGP1228	2	23 12/28/07	800	97090	0 GENPUR 12/28/07 321000 DR	210	184,555,000.00
MGP1228	3	24 12/28/07	800	97090	0 GENPUR 12/28/07 321500 DR	215	2,000,000,000.00
MGP1228	4	25 12/28/07	800	97090	0 GENPUR 12/28/07 328100 CR	281	919,461.30

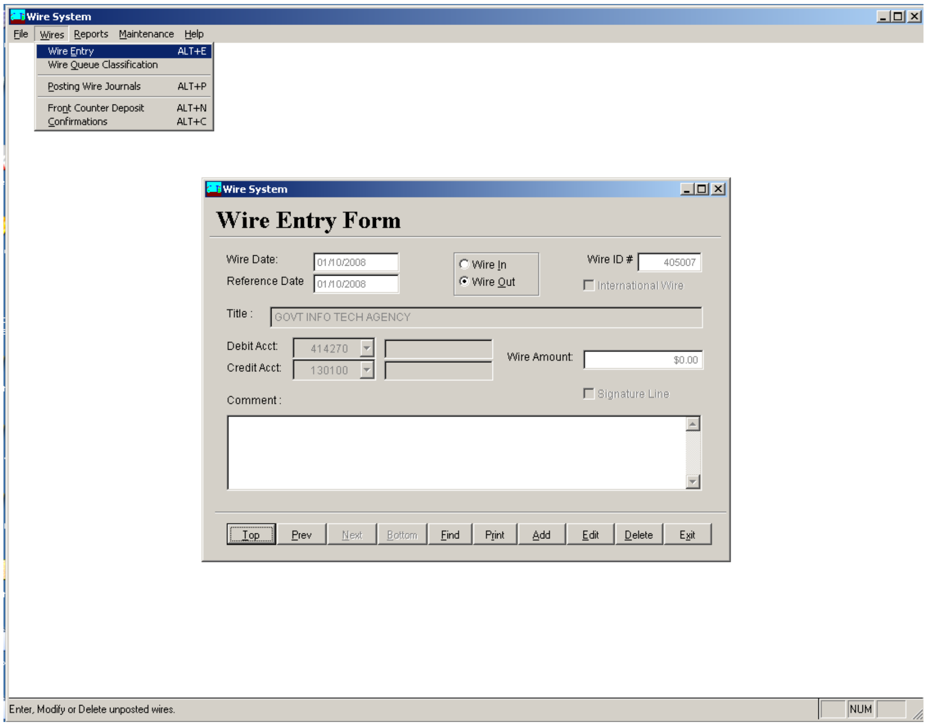
Total for document number MGP1228 : 4,369,110,000.00

Total for batch 206: 4,369,110,000.00

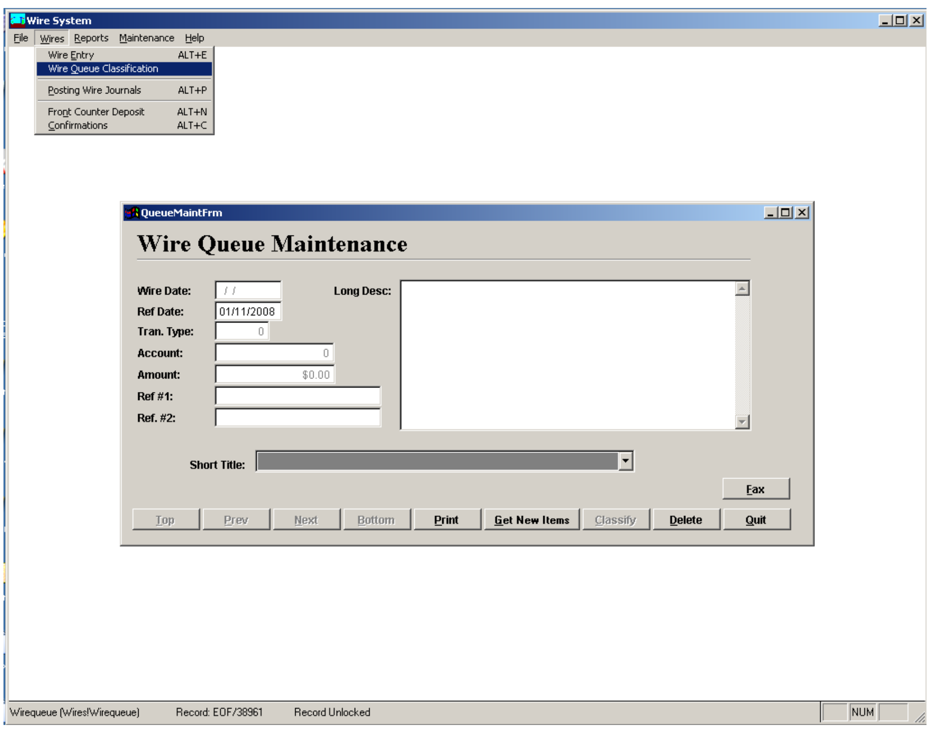
Batch Agy: TRA **Batch Type:** 6
Batch Date: 12/28/07 **Batch #:** 207

Doc#:	Suffix	Seq. # Eff. Date	TC	PCA	Index Description	Comp. GL	Amount
MGS1228	1	26 12/28/07	800	97090	0 GENSALE 12/28/07 167100 DR	9671	2,210,438,385.43
MGS1228	2	27 12/28/07	800	97090	0 GENSALE 12/28/07 229500 CR	295	438,385.43

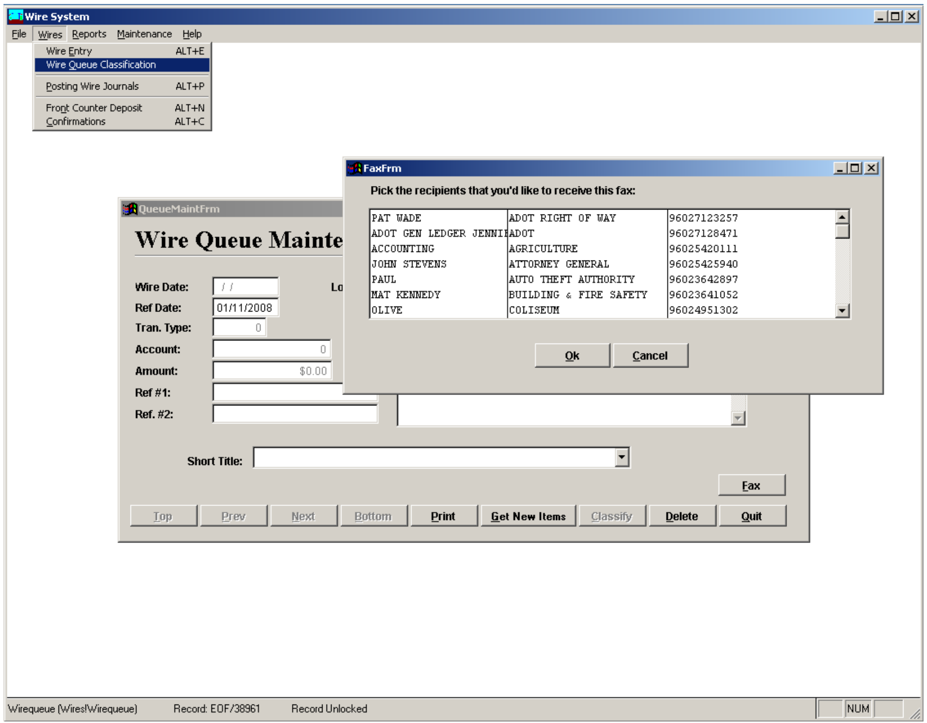

Wires System
Wires
Reports
Maintenance
Wire Entry
Print Wire Journals
Title Maintenance Screen
Wire Queue Classification
Wire Totals
Fax Contact Info
Posting Wire Journals
Wire Desk Report
Front Counter Deposit
Wire List by Date



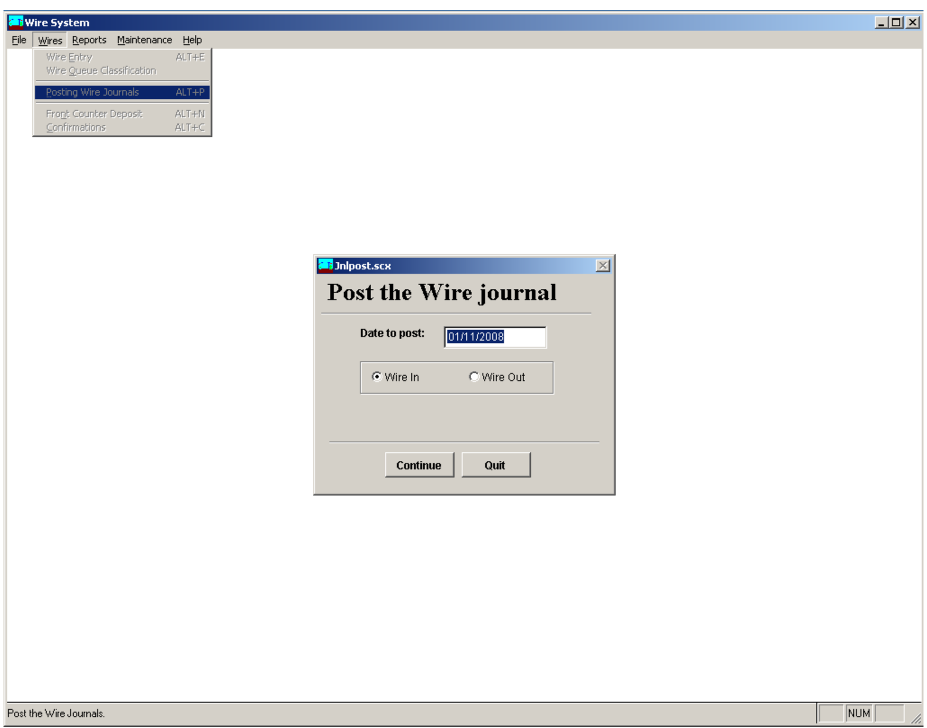
Manually add/delete wire transactions to the journal.



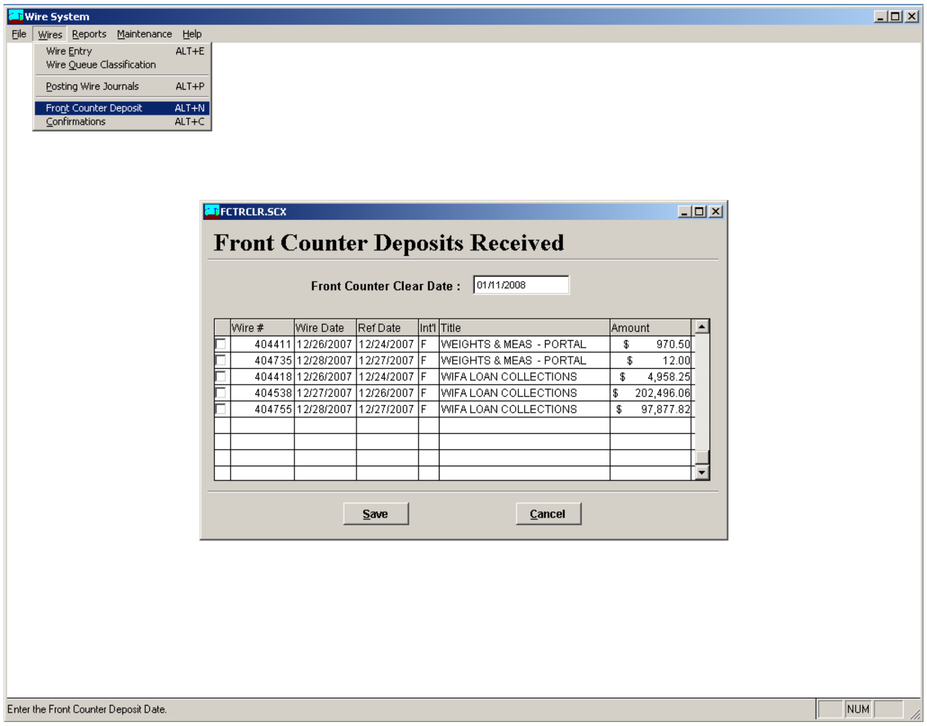
Loads incoming wire from servicing bank into a queue.



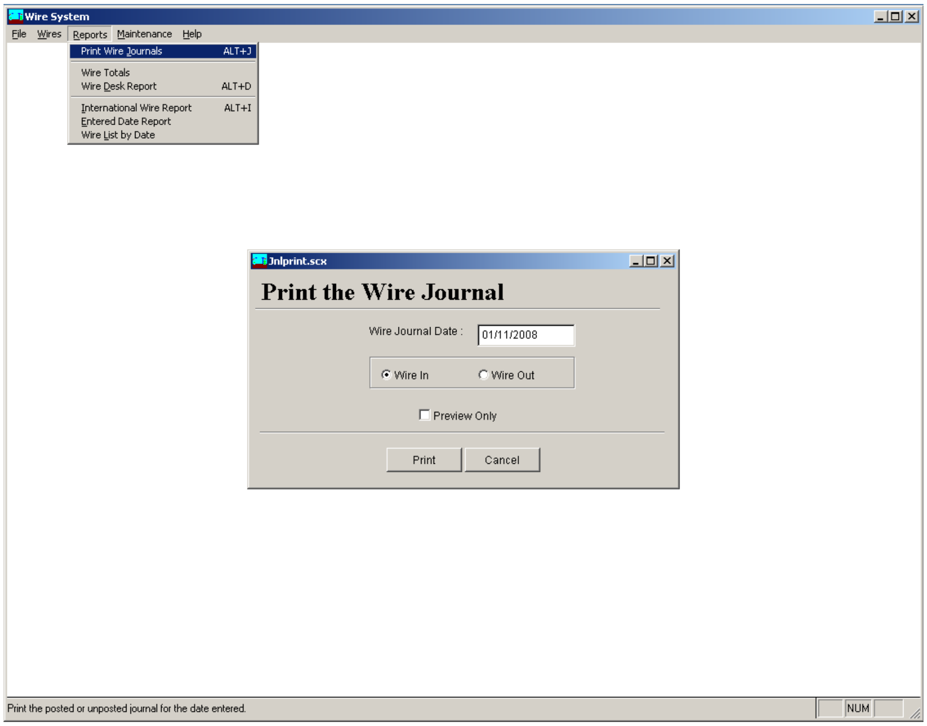
Fax notification to recipient agency.



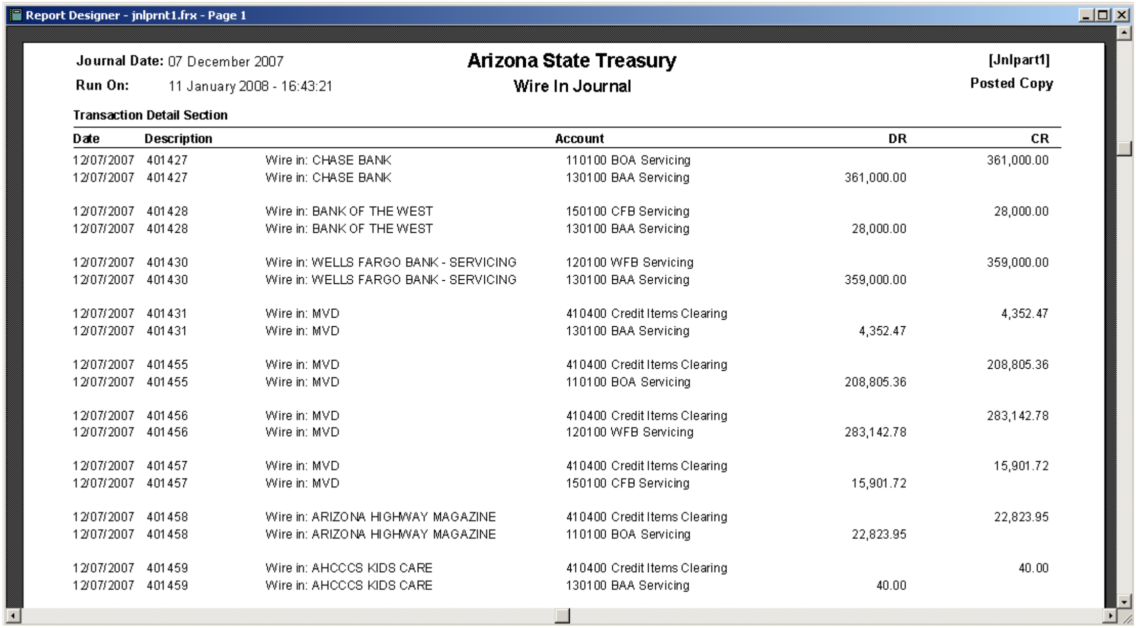
Post the wire journals to the general ledger.



Shows what incoming wires are available from the main servicing bank for the front counter to process.



Print an unposted/posted version of the journals for verification.



Report Designer - jnlprnt1.frx - Page 1

Journal Date: 07 December 2007
Run On: 11 January 2008 - 16:43:21

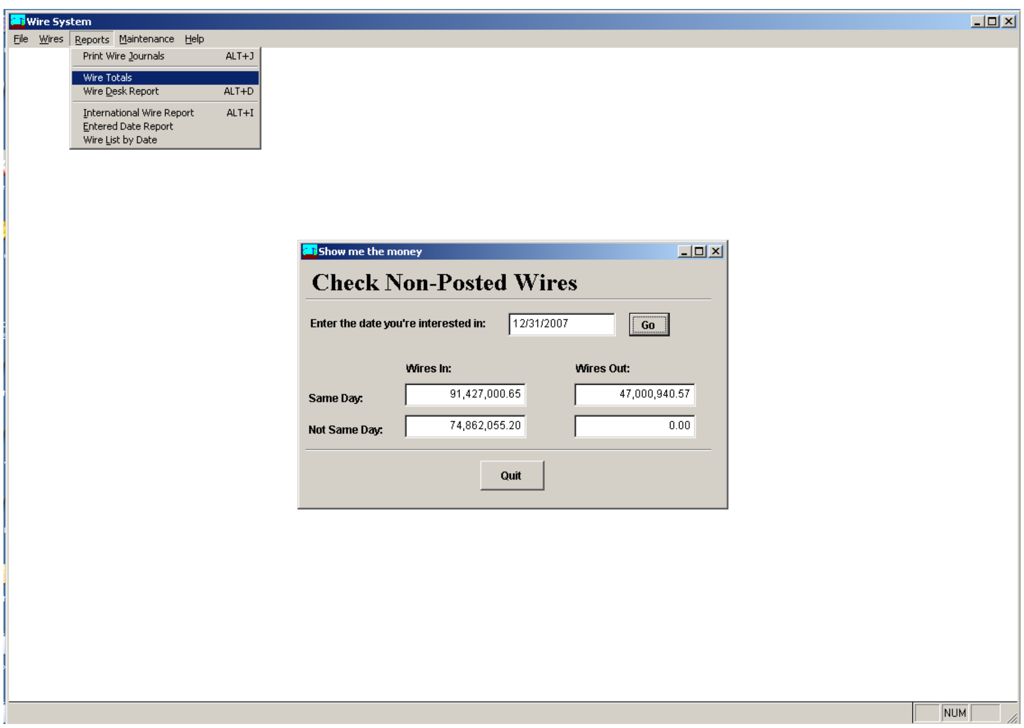
Arizona State Treasury
Wire In Journal

[Jnlpart1]
Posted Copy

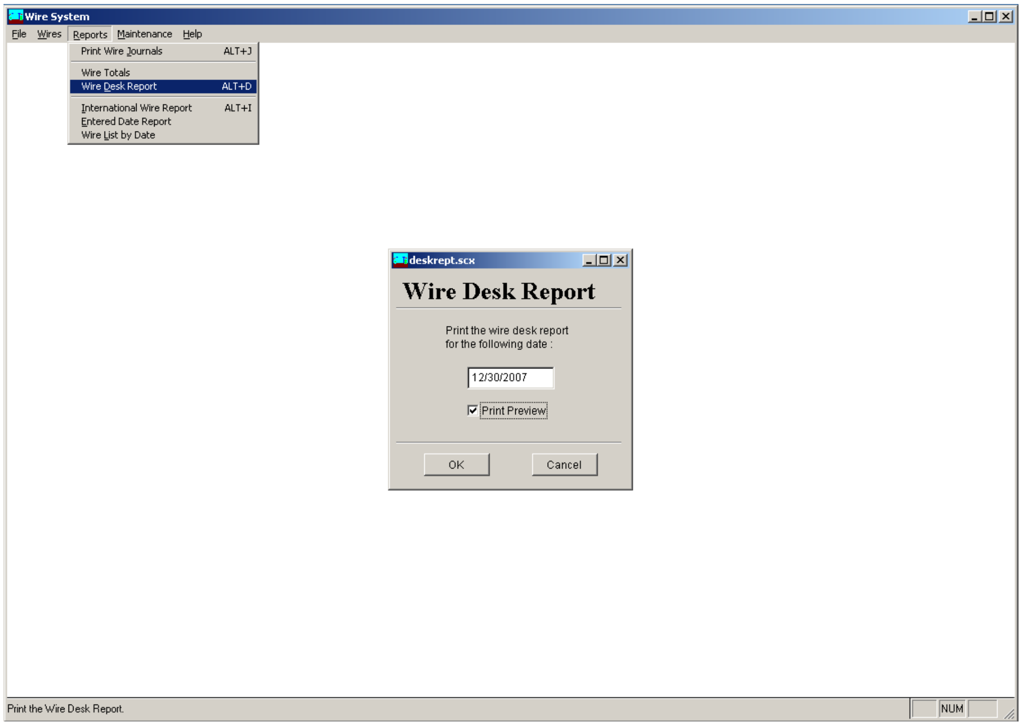
Transaction Detail Section

Date	Description		Account	DR	CR
12/07/2007	401427	Wire in: CHASE BANK	110100 BOA Servicing		361,000.00
12/07/2007	401427	Wire in: CHASE BANK	130100 BAA Servicing	361,000.00	
12/07/2007	401428	Wire in: BANK OF THE WEST	150100 CFB Servicing		28,000.00
12/07/2007	401428	Wire in: BANK OF THE WEST	130100 BAA Servicing	28,000.00	
12/07/2007	401430	Wire in: WELLS FARGO BANK - SERVICING	120100 WFB Servicing		359,000.00
12/07/2007	401430	Wire in: WELLS FARGO BANK - SERVICING	130100 BAA Servicing	359,000.00	
12/07/2007	401431	Wire in: MVD	410400 Credit Items Clearing		4,352.47
12/07/2007	401431	Wire in: MVD	130100 BAA Servicing	4,352.47	
12/07/2007	401455	Wire in: MVD	410400 Credit Items Clearing		208,805.36
12/07/2007	401455	Wire in: MVD	110100 BOA Servicing	208,805.36	
12/07/2007	401456	Wire in: MVD	410400 Credit Items Clearing		283,142.78
12/07/2007	401456	Wire in: MVD	120100 WFB Servicing	283,142.78	
12/07/2007	401457	Wire in: MVD	410400 Credit Items Clearing		15,901.72
12/07/2007	401457	Wire in: MVD	150100 CFB Servicing	15,901.72	
12/07/2007	401458	Wire in: ARIZONA HIGHWAY MAGAZINE	410400 Credit Items Clearing		22,823.95
12/07/2007	401458	Wire in: ARIZONA HIGHWAY MAGAZINE	110100 BOA Servicing	22,823.95	
12/07/2007	401459	Wire in: AHCCCS KIDS CARE	410400 Credit Items Clearing		40.00
12/07/2007	401459	Wire in: AHCCCS KIDS CARE	130100 BAA Servicing	40.00	

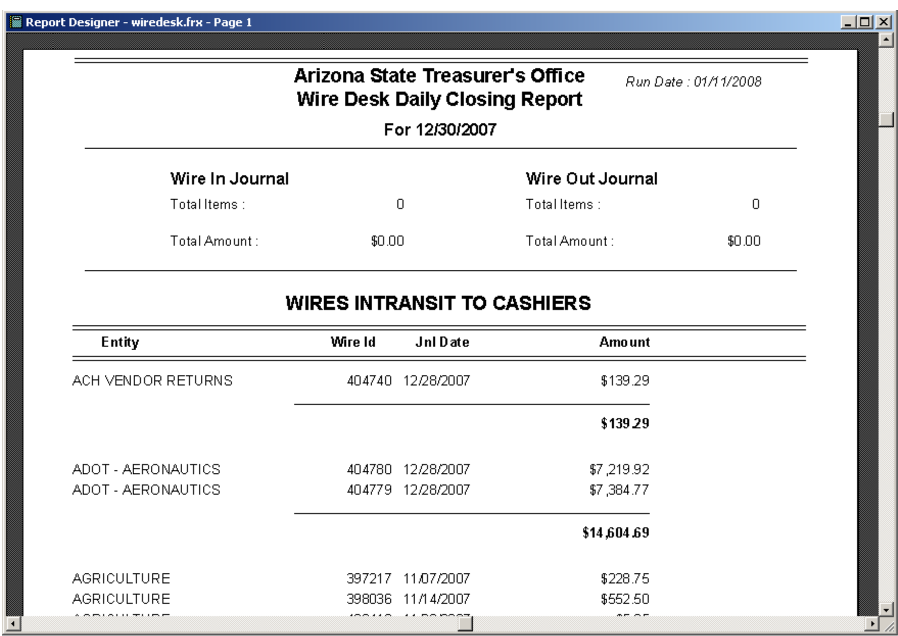
Print version of the above.



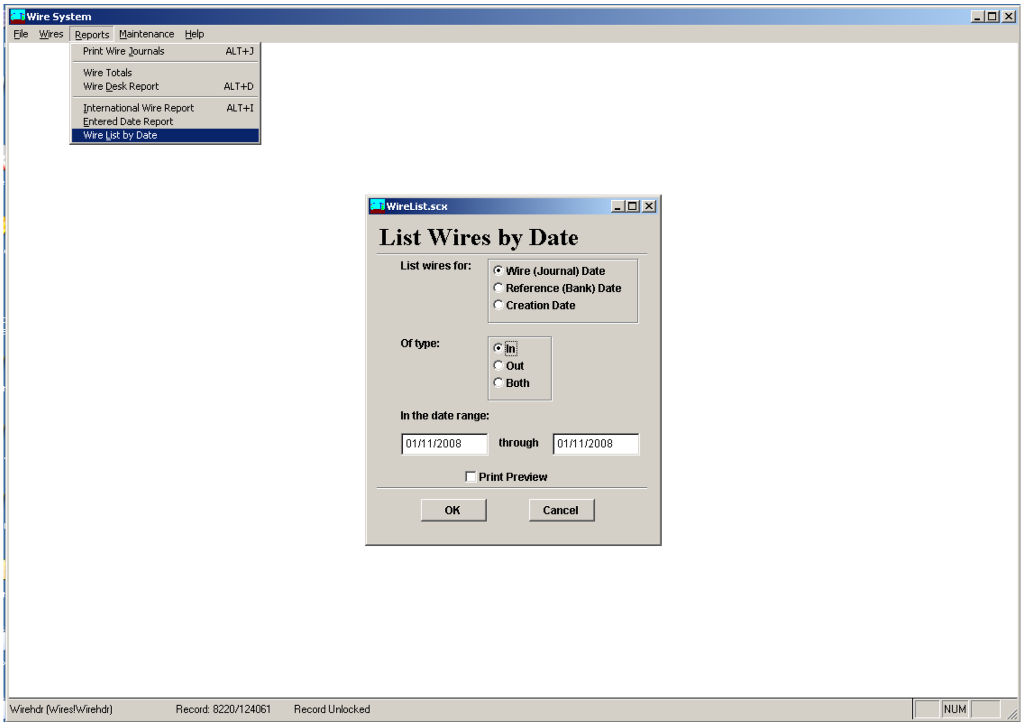
Report the wire in and wire out totals by date for cash flow purposes.



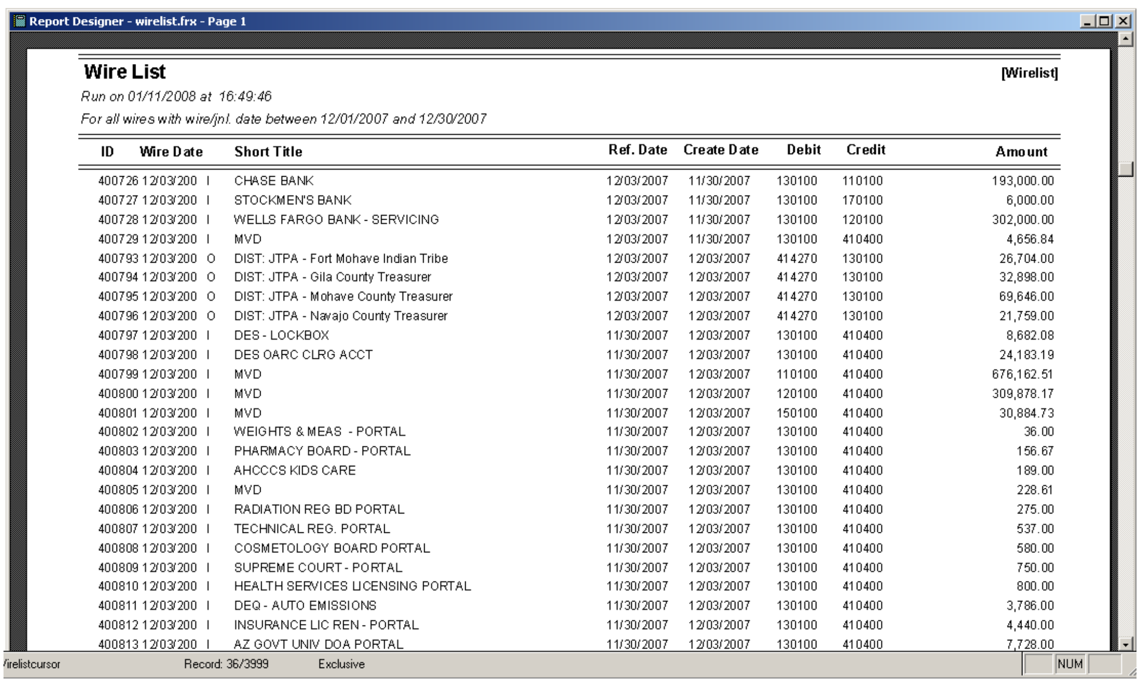
View all outstanding wire transactions by agency.



Print version of the above.



Verify outbound wires to the bank statement daily.



Report Designer - wirelist.frx - Page 1

Wire List [Wirelist]

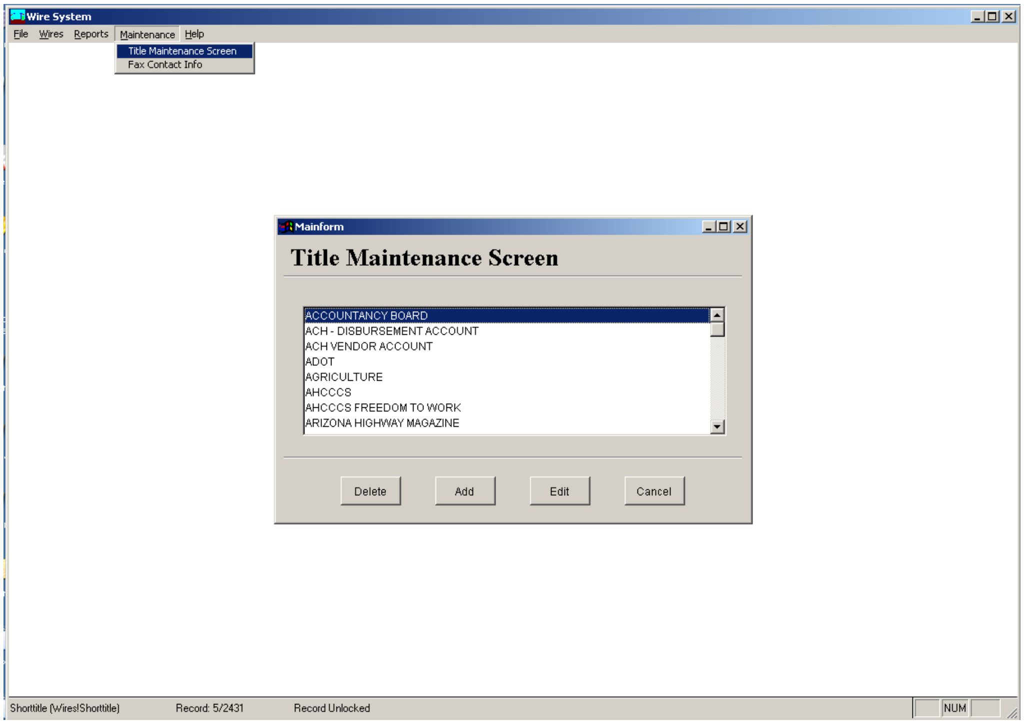
Run on 01/11/2008 at 16:49:46

For all wires with wire/jnl. date between 12/01/2007 and 12/30/2007

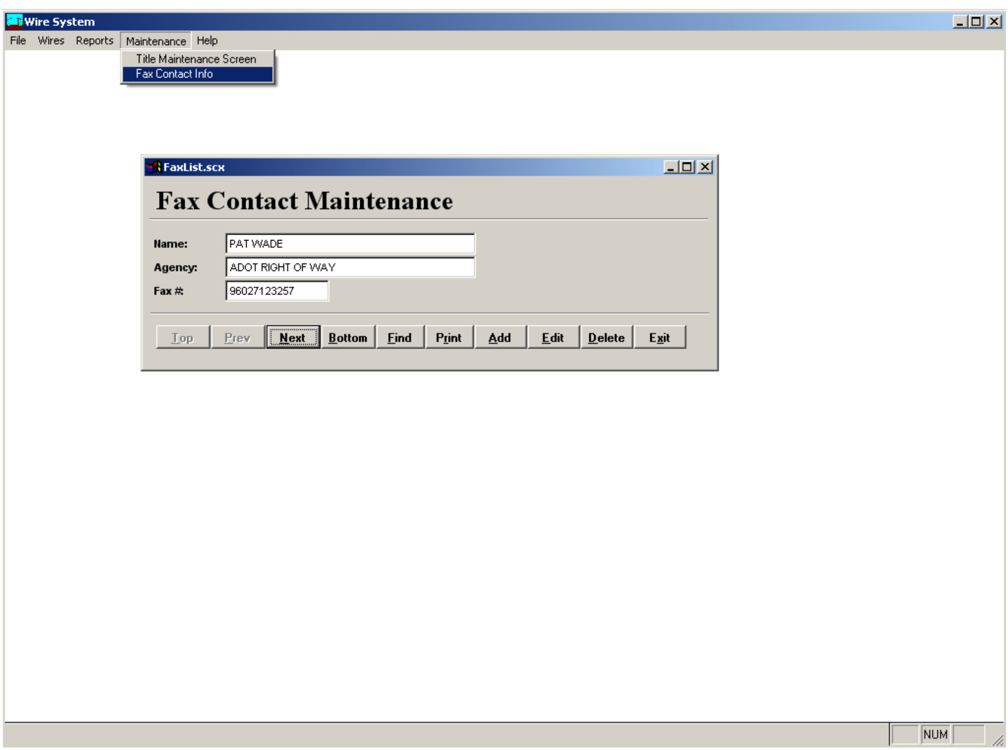
ID	Wire Date		Short Title	Ref. Date	Create Date	Debit	Credit	Amount
400726	12/03/200	I	CHASE BANK	12/03/2007	11/30/2007	130100	110100	193,000.00
400727	12/03/200	I	STOCKMEN'S BANK	12/03/2007	11/30/2007	130100	170100	6,000.00
400728	12/03/200	I	WELLS FARGO BANK - SERVICING	12/03/2007	11/30/2007	130100	120100	302,000.00
400729	12/03/200	I	MVD	12/03/2007	11/30/2007	130100	410400	4,656.84
400793	12/03/200	O	DIST: JTPA - Fort Mohave Indian Tribe	12/03/2007	12/03/2007	414270	130100	26,704.00
400794	12/03/200	O	DIST: JTPA - Gila County Treasurer	12/03/2007	12/03/2007	414270	130100	32,898.00
400795	12/03/200	O	DIST: JTPA - Mohave County Treasurer	12/03/2007	12/03/2007	414270	130100	69,646.00
400796	12/03/200	O	DIST: JTPA - Navajo County Treasurer	12/03/2007	12/03/2007	414270	130100	21,759.00
400797	12/03/200	I	DES - LOCKBOX	11/30/2007	12/03/2007	130100	410400	8,682.08
400798	12/03/200	I	DES OARC CLRG ACCT	11/30/2007	12/03/2007	130100	410400	24,183.19
400799	12/03/200	I	MVD	11/30/2007	12/03/2007	110100	410400	676,162.51
400800	12/03/200	I	MVD	11/30/2007	12/03/2007	120100	410400	309,878.17
400801	12/03/200	I	MVD	11/30/2007	12/03/2007	150100	410400	30,884.73
400802	12/03/200	I	WEIGHTS & MEAS - PORTAL	11/30/2007	12/03/2007	130100	410400	36.00
400803	12/03/200	I	PHARMACY BOARD - PORTAL	11/30/2007	12/03/2007	130100	410400	156.67
400804	12/03/200	I	AHCCCS KIDS CARE	11/30/2007	12/03/2007	130100	410400	189.00
400805	12/03/200	I	MVD	11/30/2007	12/03/2007	130100	410400	228.61
400806	12/03/200	I	RADIATION REG BD PORTAL	11/30/2007	12/03/2007	130100	410400	275.00
400807	12/03/200	I	TECHNICAL REG. PORTAL	11/30/2007	12/03/2007	130100	410400	537.00
400808	12/03/200	I	COSMETOLOGY BOARD PORTAL	11/30/2007	12/03/2007	130100	410400	580.00
400809	12/03/200	I	SUPREME COURT - PORTAL	11/30/2007	12/03/2007	130100	410400	750.00
400810	12/03/200	I	HEALTH SERVICES LICENSING PORTAL	11/30/2007	12/03/2007	130100	410400	800.00
400811	12/03/200	I	DEQ - AUTO EMISSIONS	11/30/2007	12/03/2007	130100	410400	3,786.00
400812	12/03/200	I	INSURANCE LIC REN - PORTAL	11/30/2007	12/03/2007	130100	410400	4,440.00
400813	12/03/200	I	AZ GOVT UNIV DOA PORTAL	11/30/2007	12/03/2007	130100	410400	7,728.00

/irelistcursor Record: 36/3999 Exclusive NUM

Print version of the above.



Maintain agency titles.



Maintain agencies fax information.

B. ASTO Functional Requirements Definition

1. Overview Diagram

1 FMS High Level Functional Requirements

The functional-requirements matrix details the business function capabilities the core-services and related information technology (IT) applications solution (FMS) should provide. These requirements reflect directly upon the business needs of the Arizona State Treasurer's Office. The requirements are identified as belonging to one of the following categories:

- Mandatory (M): requirement that is determined to be mandatory and essential to ASTO's operations as part of the initial FMSR implementation
- Optional (O): requirement that is desired as part of the initial FMSR implementation, but is optional
- Future (F): requirement that is determined to be required at some point in the future (approximately one to two years from initial implementation).

To ensure that our selection is adjudicated by the merits of the proposed solutions, the following responses are required for each listed capability. Acceptable vendor responses are indicated in table 1:

Table 1. Acceptable Vendor Responses

Response	Definition
'Off-the-shelf'	Yes, Supplied functionality meets requirement 'off-the-shelf' without customizing.
Level of Customization Effort	Level of Customization Effort Required to meet requirement is H = High, M = Med, L = Low.
Third Party	Functionality requires a third-party partnering arrangement.
Future	Functionality is not currently available but will be available after the next 12 months.

FMS functional requirements are organized into the following areas:

1. Account Information: customer account information, including account number, balances, limits, exposures and pledged amounts.
2. Account Transactions: system transactions requirements.
3. Administration: back-office monitoring, reconciliation and related administration.
4. Cash Management: functions required to manage client cash positions and enable customer cash management.

5. Customer Information: all information relating to ASTO customers and their relationships with the ASTO.
6. General Ledger: general ledger, journal and accounting sub-systems posting and reporting requirements.
7. Interfaces: overview of interfaces required.
8. Reporting: daily operational reports, *ad hoc* and customized reporting capabilities.
9. Security: security requirements and system resource access controls.
10. Special Requirements: are unique to the Arizona State Treasurer's Office.
11. Transactions and Processing.
12. Financial tracking and performance monitoring.

2 FMS Functional Requirements Matrix

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
M	**1**	**Account information**					
	1.1	Customize Account Rules	Flexibility to support account rules on an account level and account-type.				
	1.2	Flag Account Status	Reduction or elimination of account flag process (by providing real-time status attributes via a user-friendly menu).				
	1.3	Attribute Accounts	Associate a flexible list of mandatory information with account number (e.g., customer ID).				
	1.4	Build Account Relationships	Link accounts for balance transfer and total balance aggregation.				
	1.5	Consistent Account Balances	Consistent display of account balances across multiple users-access channels (phone, paper statements, Internet). Account balance updates real-time across all channels that makeup the customer relationship.				
	1.6	Control and Security	Associate account creation, access and activity with flexible security permission scheme. Force resetting of passwords at predetermined periods. Assign unique passwords to individual users.				
	1.7	Inquire Customer Status	Flexibility for grouping and analyzing accounts according to status.				
	1.8	Support Standing Orders	Standing orders established/monitored on a date-basis.				
	1.9	Flexible Accounts	Ability of the core-system to recognize and/or post non-core positions (e.g., investments, treasury products).				
	1.10	Set Flexible Limits	Hierarchical structure for account limit setting (e.g., by client, account type, product, branch, business unit, etc.).				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	1.11	Online Search	Dynamic online searches for customer records, account number, name searches, agency searches, telephone number, etc. (support for all fields).				
	1.12	Recurring Transactions	Associate transactions with periodic intervals or set times.				
	1.13	Sub-Accounts	Store reference name subs-same customer name, but different sub-accounts.				
	1.14	Transaction Historian	Analyze and report performance and historical transaction information by time period or account type.				
M	**2**	**Account transactions**					
	2.1	Open Accounts	Capture name, address, statement frequency, notes.				
	2.2	Handle Split Transactions	Accept deposit transaction and split credit to multiple accounts. And, ability to handle single-deposit transaction with multiple "split" value dates.				
	2.3	Select Account Numbers	Customize account number.				
	2.4	Close Accounts	Flag accounts as closed without deletion from system database.				
	2.5	Maintain Accounts	Perform maintenance (non-financial) or non-banking "static" transactions without creating journal entries.				
	2.6	Open Accounts	Straightforward account opening including user defined number generation.				
	2.7	Transfer Accounts	Accommodate transfer of funds between accounts.				
	2.8	Automated Settlement and Clearing	Automated matching of all inter- and intra-bank journal entries according to dual-entry accounting standards.				
	2.9	Back Date Value	Validate back value-date and ensure that it is a correct date with rules.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	2.10	Balance Reporting	Consistent, real-time balance requests from any point-of-contact, as well as improved exception reporting/trial balance for internal reconciliation between systems.				
	2.11	Cash Deposits	Handle deposit of cash monies.				
	2.12	Deposits and Withdrawals	Support deposits and withdrawals, and real-time account balances between.				
	2.13	Dormancy Rules	Set rules for account dormancy (manually). Manually set rules for account dormant or restrict action if rules are not met.				
	2.14	Fund Transfer	Generate fund transfers with proper formatting.				
	2.15	Online Reports	Review reports online and print on demand. Reports should be available for seven years.				
	2.16	Post	Posting for each individual item.				
	2.17	Reactivate Dormant Accounts	Set rules for reactivating dormant accounts. Rules should be set to ensure that accounts are reactivated only through manual process and with supervisory approval.				
	2.18	Post Transactions to FMS Real-Time	All transactions should be validated and posted online, in real-time, to the appropriate journal.				
	2.19	Report Supervisor Exceptions	Production of exception reports with legible and meaningful reasons for the acceptance of the exception.				
	2.20	NSF Checks	Handle all transactions associated with NSF checks.				
	2.21	Transaction Defaults	Default transaction fields and parameters based on transaction type. The ability to flexibly define the default position and information available per transaction type.				
	2.22	Transaction Definitions	Create, amend, delete, update transaction header and create live parameter file.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	2.23	Transfer and Exchanges	Transfer balances between linked accounts.				
M	**3**	**Administration**					
	3.1	Amend Accounts	Modify account details after account has been set, subject to dual control, as necessary. Both front- and back-office areas can do this.				
	3.2	Maintain Error Message File	Create, amend and delete a message.				
	3.3	Maintain Help Text	Create, amend and delete text record.				
	3.4	Implementation of Limits	Flexible application of limits/accounts/group of accounts/sub-accounts.				
	3.5	Monitor Accounts	Monitor selected accounts according to risk or other parameters.				
	3.6	Security Mechanism for Log-In and Log-Out	Hierarchy of security for user IDs and access to online and offline system capabilities.				
M	**4**	**Cash Management**					
	4.1	Customer Support	Online access for the customer to view their accounts.				
	4.2	Execute Transactions	Client-activated or relationship-manager-activated.				
	4.3	Flexible Reporting	Client-initiated and relationship-manager-initiated.				
	4.4	Industry-Standard Accounting Packages	Flexibility to conform to evolving local and international standards, as well as client-run applications via XML.				
	4.5	Monitoring/Tracking	Client and relationship manager perspective on cash balances, investments, performance, etc.				
	4.6	Security/Logging/ Audit Trail	Identification, archival and retrieval of all transaction and other system-input records.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
M	**5**	**Customer Information**					
	5.1	Aggregate Relationships	View 360-degree relationship with ASTO's customer across the entire customer position and/or transaction history, including all customers in relationship, accounts, products, aggregate balances and limits.				
	5.2	Custom Aggregate Balances	View account balances across all accounts, available funds and pledged/earmarked funds.				
	5.3	Classify Customer	Segment and aggregate all information by customer type, balances, date range, type of account, type of customer, type of transaction, etc.				
	5.4	Customer Relationship	Link and identify related customer accounts and sub-accounts. Must be able to provide link to oversight agency as well as account owner.				
	5.5	Enhanced Query Capabilities	Flexible ability to search for and identify client information by any account parameter.				
	5.6	Flexible Account Numbers	Assign "easy number" (user defined – alpha/numeric) in such a way as not to compromise security, and to ensure that account numbers are not reused.				
	5.7	Integrator with Auto-Dialer	Customer information records should interface with auto-dialer facilities. This is a potential future requirement for ASTO.				
	5.8	Rules-Based Relationships	Associate flexible business rules with client relationships (e.g., customer preferences, limits and ticklers).				
	5.9	Contact Lists	Produce customer lists (name, address, customer list, etc.) to direct-mailing system, with ability to generate proactive prompts for interactions.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	5.10	Notes/Comments/ Requirements	Ability to incorporate free-form text notices to client records, with expiry capability.				
	5.11	Relationship/Contact History	Integration of historical interactions with client records (correspondence, complaints, past transaction, contact annotations, "moments of truth").				
	5.12	Call/Contact Tracking	Ability to identify and report on historical activities for certain clients and client groups.				
M	**6**	**General Ledger**					
	6.1	Accounting Standards	Flexible control over chart of accounts and journal process to conform to GASB and FASB regulations and rules for Ownership Accounting.				
	6.2	Archival Capability	Support online access to fully relational historical transaction data for past 36 months, plus 48 additional months offline.				
	6.3	Asset/Liability Manager	Should support daily asset and liability reporting.				
	6.4	Automated Account Generator	Auto generate accounts required to support transactions according to modifiable business rules.				
	6.5	Automatic Posting	Auto posting with rules from other core systems and deposit processing.				
	6.6	Reconciliation	The G/L system must provide an auto-reconciliation function for the sub-ledgers related to a parent ledger.				
	6.7	Average Balances	Calculate account balances according to flexible parameters (monthly or daily balances).				
	6.8	Batch and Online Transaction Capability	Perform both Batch and Online transactions as deemed necessary.				
	6.9	General Journal	Correct any transaction detail of associated journal entries.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	6.10	Daily Closing	End-of-day reconciliation should provide trial balance, suspense accounting and sign-off capabilities.				
	6.11	Date Capability	Back-date transactions.				
	6.12	Export Data	Export G/L information into Excel spreadsheet, etc.				
	6.13	Historical Analysis	Back-test risk models, product development analysis, etc.				
	6.14	Journal Inquiry	To display totals, print, scan and print journal.				
	6.15	Management Reporting	Flexible reporting capability for stakeholders; modifications should be in purview of DBA, not code developers. Must be compatible with BI applications.				
	6.16	Reference Number	Use traceable reference numbers on transactions sent to G/L in batch.				
	6.17	Non-Update Mode	View changes and entries in a non-update "what-if" mode (i.e. interest postings).				
	6.18	Online Correction	Perform real-time corrections of posted transactions in individual journals with rules.				
	6.19	Open Transaction Ledger	Open transaction ledgers for more than a day without affecting transaction entries for subsequent days.				
	6.20	Point-In-Time Recovery	Back up transaction log and G/L balance to any desired point in time, to recover from corruption of either G/L or transaction history data.				
	6.21	Regulatory Reporting	Automatically generate required external reports.				
	6.22	Sub-Ledger	Tightly coupled ledgers such that a change to a sub-ledger automatically updates its parent ledger(s).				
M	**7**	**Interfaces**					
	7.1	Download Data	Download and upload information to and from the Arizona Department of Administration USAS.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
M	**8**	**Reporting**					
	8.1	*Ad Hoc* Capabilities	Flexible report abilities supportable as much as possible by non-technologists, spanning customer and account information across the entire ASTO.				
	8.2	Consolidated Statements	Support consolidated account statements that reflect all accounts held, regardless of type (total customer position); set delivery period.				
	8.3	Customer Statements	Provide customer statements on demand, and the ability to view individual deposit and withdrawal transactions in multiple formats.				
	8.4	Customized Reports	Scope and frequency of reports should be established by each group that requires the data, with parameters being set by other responsible groups, e.g., FCD for accounting rules or RAD for risk rules.				
	8.5	Forecasting	Perform "what-if" type of forecasting based on parameter-driven approach.				
	8.6	MIS, EIS Reports	Define, generate online and archive management reporting.				
	8.7	Reconciliation	Automated generation of reconciliation between General Ledger and bank info with highlighted breaks and fails, potentially with intelligent capabilities for streamlining correction accounting.				
	8.8	Supervisor Review and Editing	Ability to refer all necessary elements of select transactions to supervisor or original maker for review and potential editing, with ability to enforce multi-level authorization control in this context.				
	8.9	Transaction Narrative	Ability to select from a list of transaction narratives to describe transaction, or by using free-form text.				
M	**9**	**Security**					

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	9.1	Assign Security	Assign/modify security access to individuals based on role and profile (template). .				
	9.2	Physical Device and Location Audit	Report and audit specific location where transaction occurred.				
	9.3	Auto Log-Off	Forced time-out based on time parameters. Time-out parameters should be flexible, based on job role and function.				
	9.4	Blocking Certain Types of Passwords	Blocking use of certain passwords, such as easily guessed passwords, passwords based on the user ID, and passwords containing words from a dictionary.				
	9.5	Data Encrypting	Encrypt passwords and customer-sensitive data based on industry-standard encryption mechanisms.				
	9.6	Security Access	Deletion of security access and removal of access privileges in-real-time.				
	9.7	Exception and Violation Reporting	Automatically generate exception reports for security violations (e.g., exceeding maximum number of password entries).				
	9.8	Flexible Security Administration	Easy administration of security (establishing profiles and audit capabilities) by authorized personnel. Perform this function from a central location.				
	9.9	Flexible Security Reporting	Perform user profile reporting easily, using flexible reporting mechanism.				
	9.10	Forced Token in Password	Force use of a token and password for high-risk applications/transactions, such as security administration and funds transfers over a set minimum figure.				
	9.11	LDAP	Support for LDAP security infrastructure. This includes single sign-on from user's workstation.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	9.12	Modify Security	Modify an individual's security access by assigning them a new role. Modification to security access should be straightforward, based on selection of certain functions or transactions.				
	9.13	Password Expiration	Automatic expiration of user passwords.				
	9.14	Password Length	Support specified minimum password length.				
	9.15	Profile- (Template-) Based Security Administrator	Granting security access using role-based templates. Individual access is based on functions and transactions allowed within role.				
	9.16	Repeated Use of Password	Enforce input of additional or repeated password on certain high-risk transactions to ensure the user has not left the terminal unattended.				
	9.17	Required Alphanumeric Characters in Password	Enforce use of alpha and numeric characters in password.				
	9.18	Restrict Access by Account Type	Restrict access to certain accounts or account groupings. Restricted access should be at transaction level.				
	9.19	Access Revocation	Blocking the ID after three failed attempts.				
	9.20	Security Audit Trail	Generate robust security audit reports describing who, what, when and where security was assigned, modified or deleted.				
	9.21	Security Authorization	Support of authorization workflow for secondary approval of security access or modifications.				
	9.22	Link Security to Physical Device	Restrict access to system and system's functions based on physical location of terminal.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	9.23	Session Manager	Ability to restrict single/multiple session(s) per user, e.g., user should only be allowed to be logged on at one workstation at a time.				
	9.24	Report Unusual Activity	Generate exception reports on a criteria-based method, to detect unusual frequency of transactions just within limit, etc.				
	9.25	Validate User	Ensure that operator is recorded as the user who is entering the transaction. This should handle cases when original operator steps away from terminal, but has not logged off.				
M	**10**	**Special Requirements**					
	10.1	Peak Volumes	Handle peak volumes of approximately 100,000 transactions in a day.				
	10.2	Tickler File	Ability to allow for information to be passed from one area of responsibility to another area of responsibility.				
	10.3	User Access	Handle 20 (scalable to 25) internal concurrent users and administrators, 200 concurrent external users (via web access) with future scalability.				
M	**11**	**Transactions**					
	11.1	Reverse Transactions	Process transaction reversals.				
O	**12**	**Financing Reporting**					
	12.1	Budget	Ability to budget at department level.				
	12.2	Cost center tree-structure	Ability to move cost centers within a "tree" structure. Ability to move accounts/cost centers within "tree".				
	12.3	Scenario developer	Ability to create scenarios based on different assumptions.				
	12.4	Base and new business reporting	Ability to budget at line of business department levels and customer.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	12.5	Budget unit drill-down	Ability to breakdown what the budget number is made up of (line item schedules).				
	12.6	Budget tracker	Ability to track the budget process by user.				
	12.7	Ad hoc reporting	Ability to customize reports, Ability to create graphs, Ability to file and retrieve reports electronically.				
	12.8	Budget timeframe drill-down	Ability to budget either by month, quarter, or year.				
	12.9	Ad hoc rollup	Ability to have alternate rollups.				
	12.10	Multiple funding source capability	Ability to have more than one budget source file per year in General Ledger.				
	12.11	Budget version (What ifs)	Ability to create more than one budget versions at a time.				
	12.12	Formula and method (What ifs)	Ability to change formulas and methods.				
	12.13	Intra-year what ifs	Ability to create budgets based on year to date actuals, prior budgets, current budgets, year to date averages, or combination thereof.				
	12.15	Unit spread algorithms	Be able to spread information by a variety of ways – evenly, by account, by statistic, by account from last year.				
	12.16	Personnel spreads	Ability to budget personnel by individual information (including fringes, taxes, raises).				
	12.17	Historical look-back	Ability to have history at least five years back.				
	12.18	Look-forward	Budget at least five years out.				
	12.19	Project analysis	Be able to create cash flows based on Capital Projects for at least a 5-yr time frame.				
	12.20	Self-contained reporting	Generate cash flow report without use of additional software.				

Requirement Category	Requirement Number	Functional Requirement	Requirement Description	'Off-the-shelf'	Level of Customization Effort Required is H = High, M = Med, L = Low	Third Party	Future
	12.21	Export functionality	Ability to export information out as different file extensions or save as different file extensions.				
	12.22	Multiple functional roles	Ability to have "users" access their budgets to create, adjust, or review them General Ledger.				
	12.23	Allocations	Be able to perform allocations.				
	12.24	GL import/export	Ability to import/export data to/from general ledger.				
	12.25	MS Word interface	Ability to paste reports directly to Word documents or other software.				
	12.26	MS Excel interface	Ability to export inquiry results directly to spreadsheet.				
	12.27	GL-source document drill-down	Ability to "drill down" to source documents and from source documents to G/L.				
	12.28	Investment tracking	Investment tracking.				
	12.29	Interest tracking	Interest accrual.				
	12.30	Cash position forecast	Cash forecasting.				
	12.31	Chart of accounts	Ability to have chart of accounts linked to budget software.				
	12.32	Balance sheet	Must be able to produce schedules for balance Sheet requirements.				
	12.33	Statements	Must be able to produce monthly and annual financial statements.				